

Program EVALPLOT
(Version 2015-2)

by

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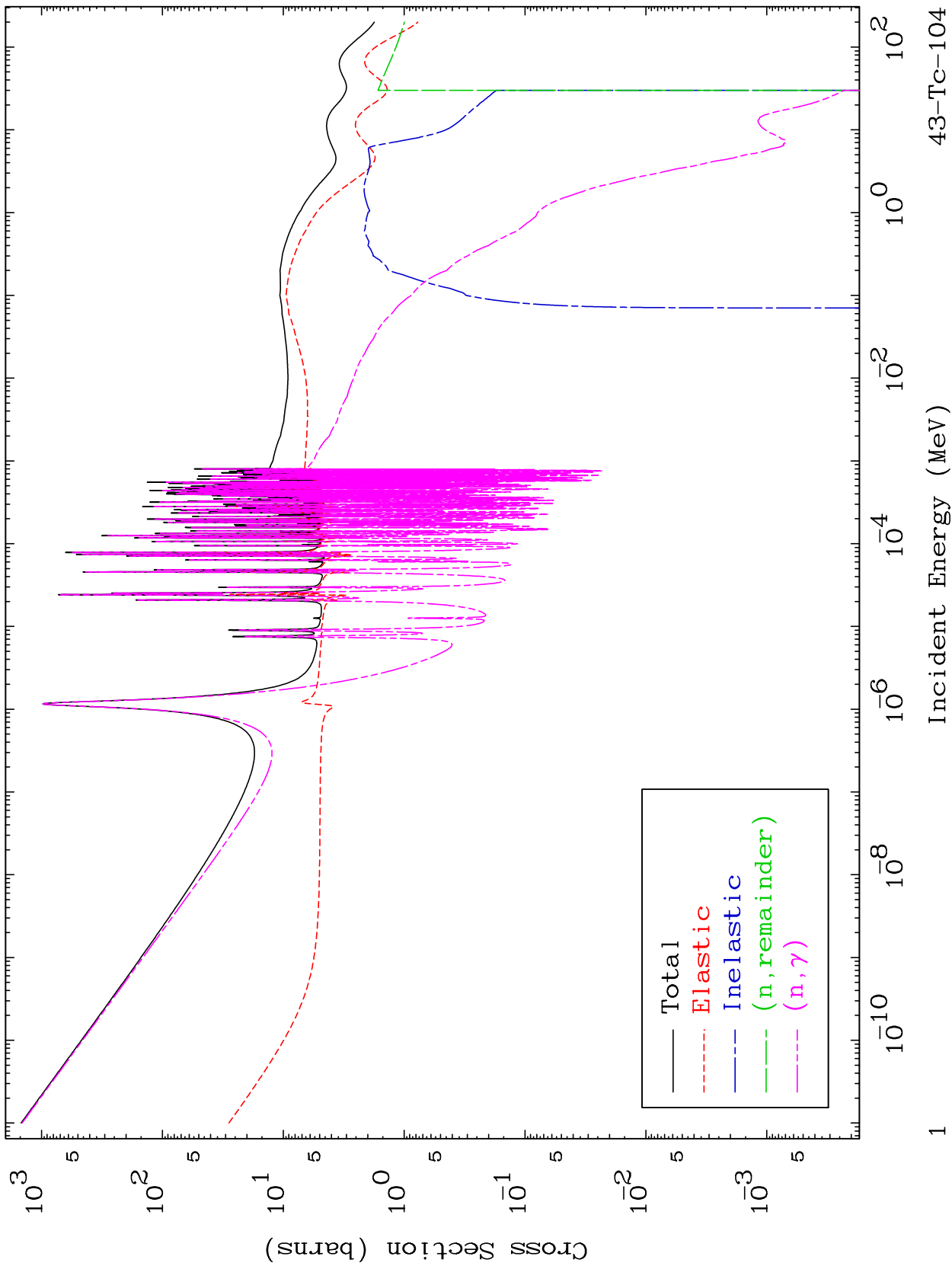
Press Mouse Button to Start

MAT 4340

Major

293 Kelvin Cross Sections

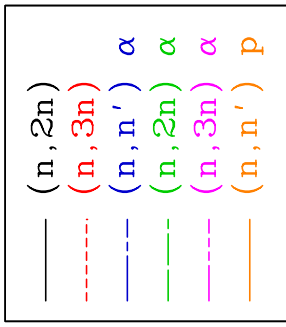
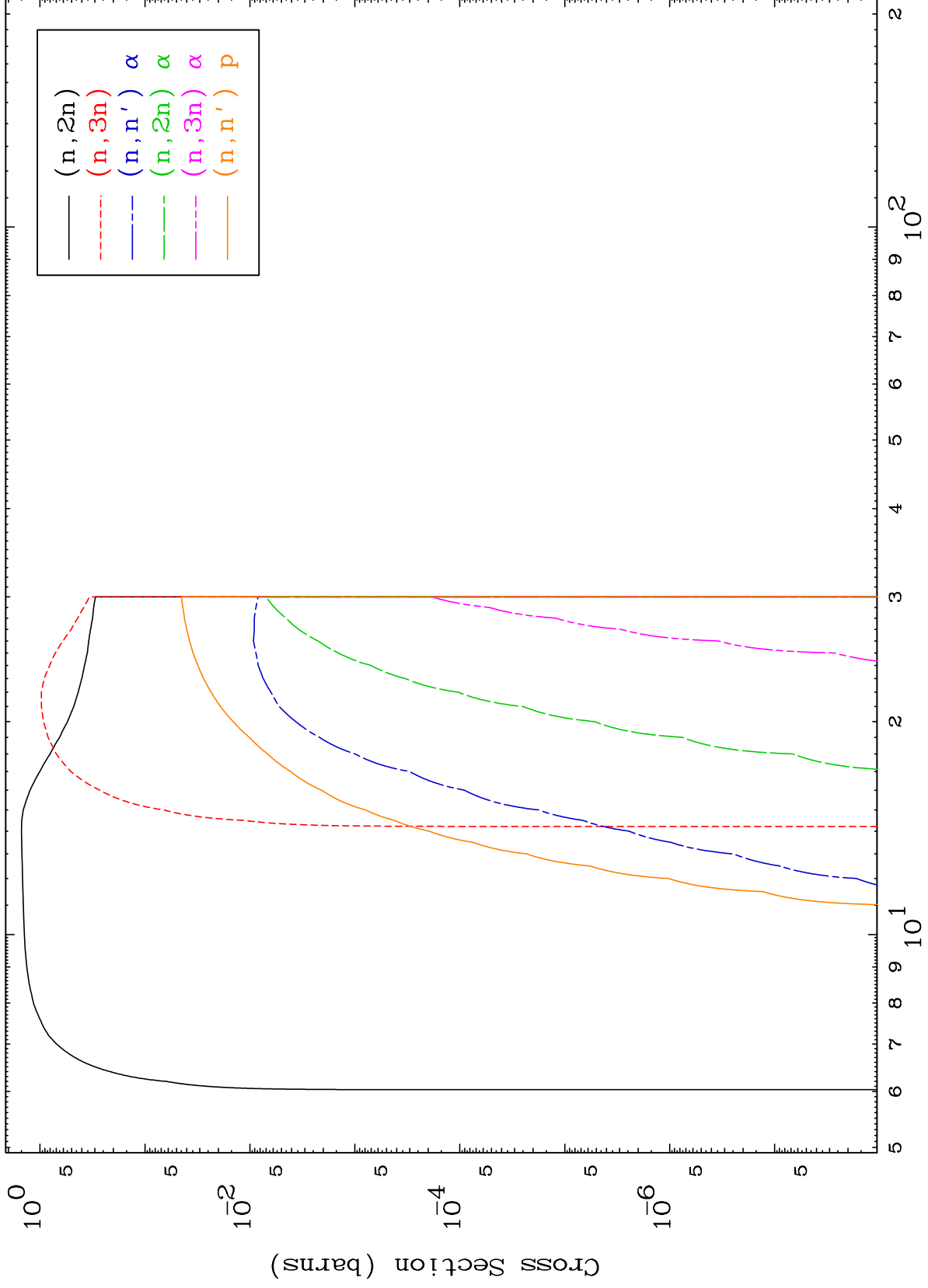
43-Tc-104



MAT 4340

Neutron Production
293 Kelvin Cross Sections

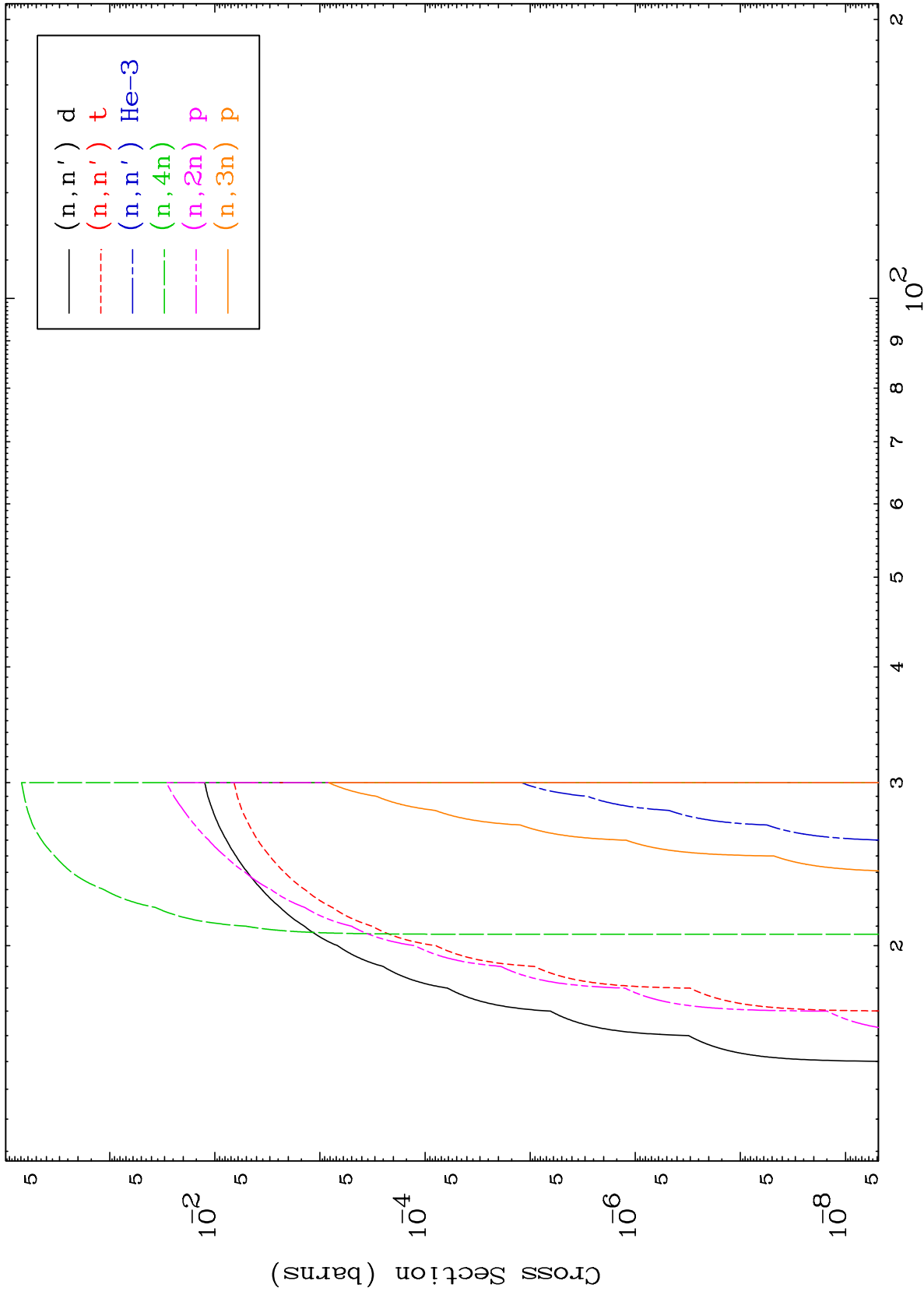
43-Tc-104

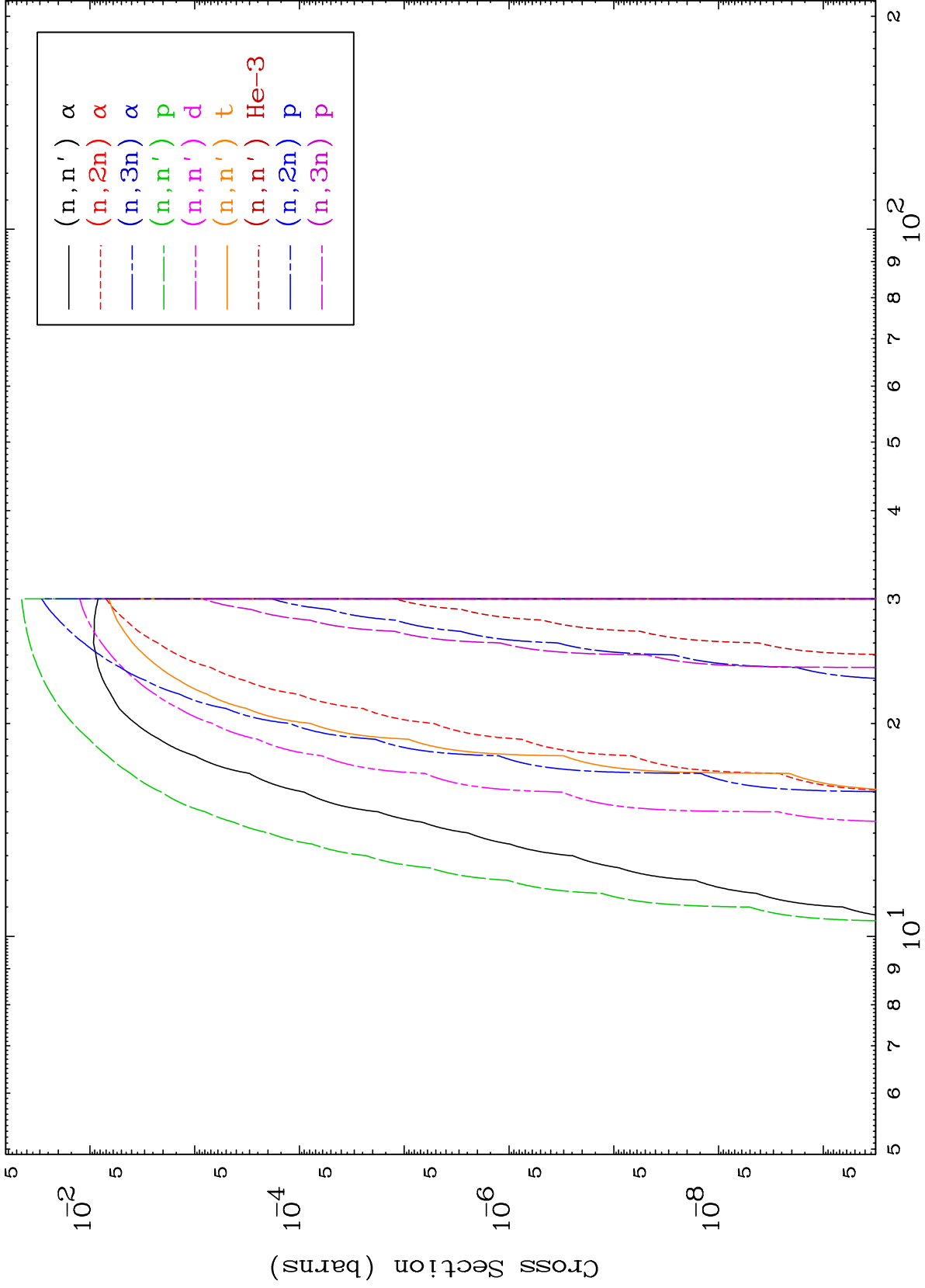


2

Incident Energy (MeV)

43-Tc-104

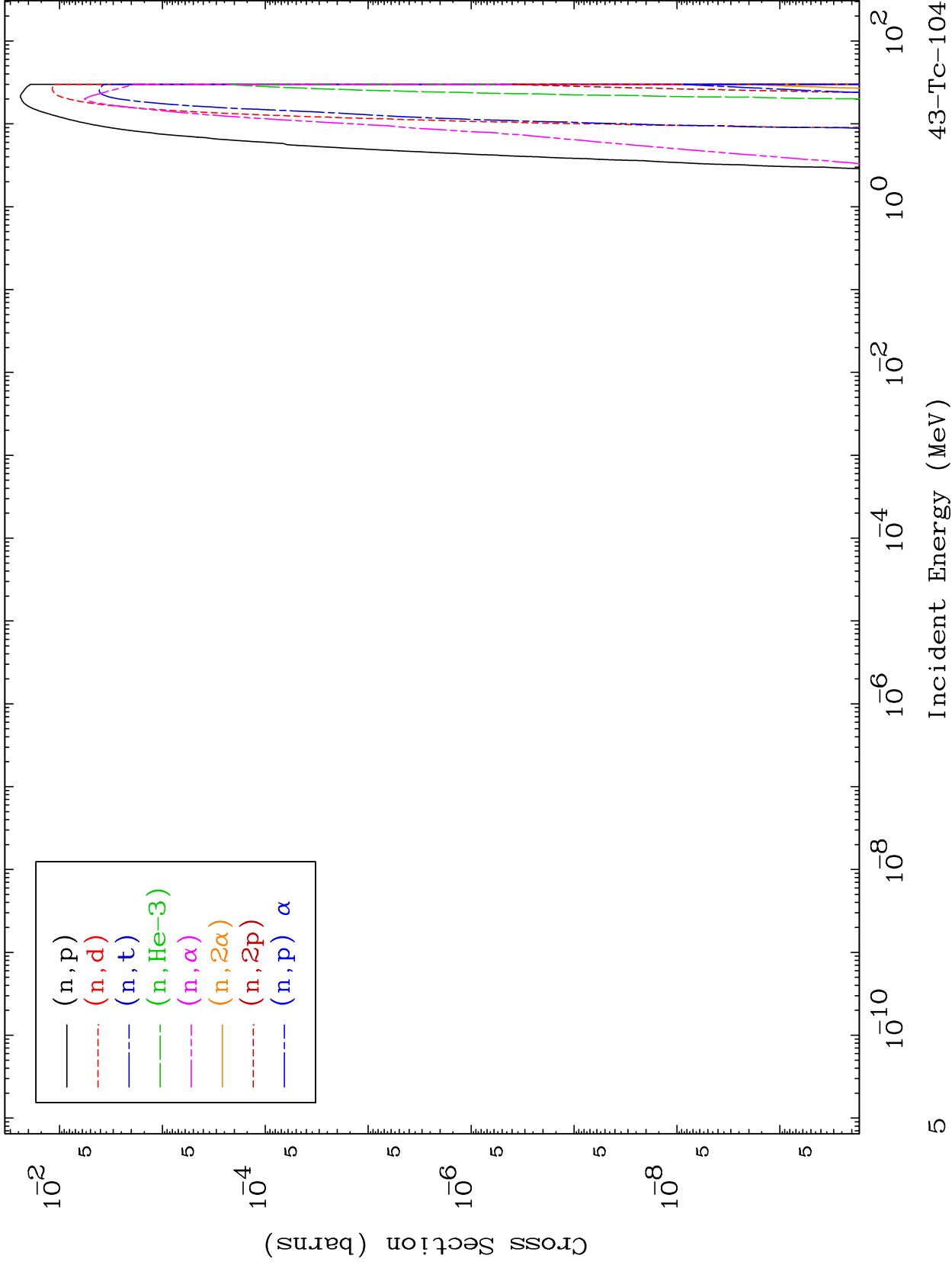




MAT 4340

Charged Particle
293 Kelvin Cross Sections

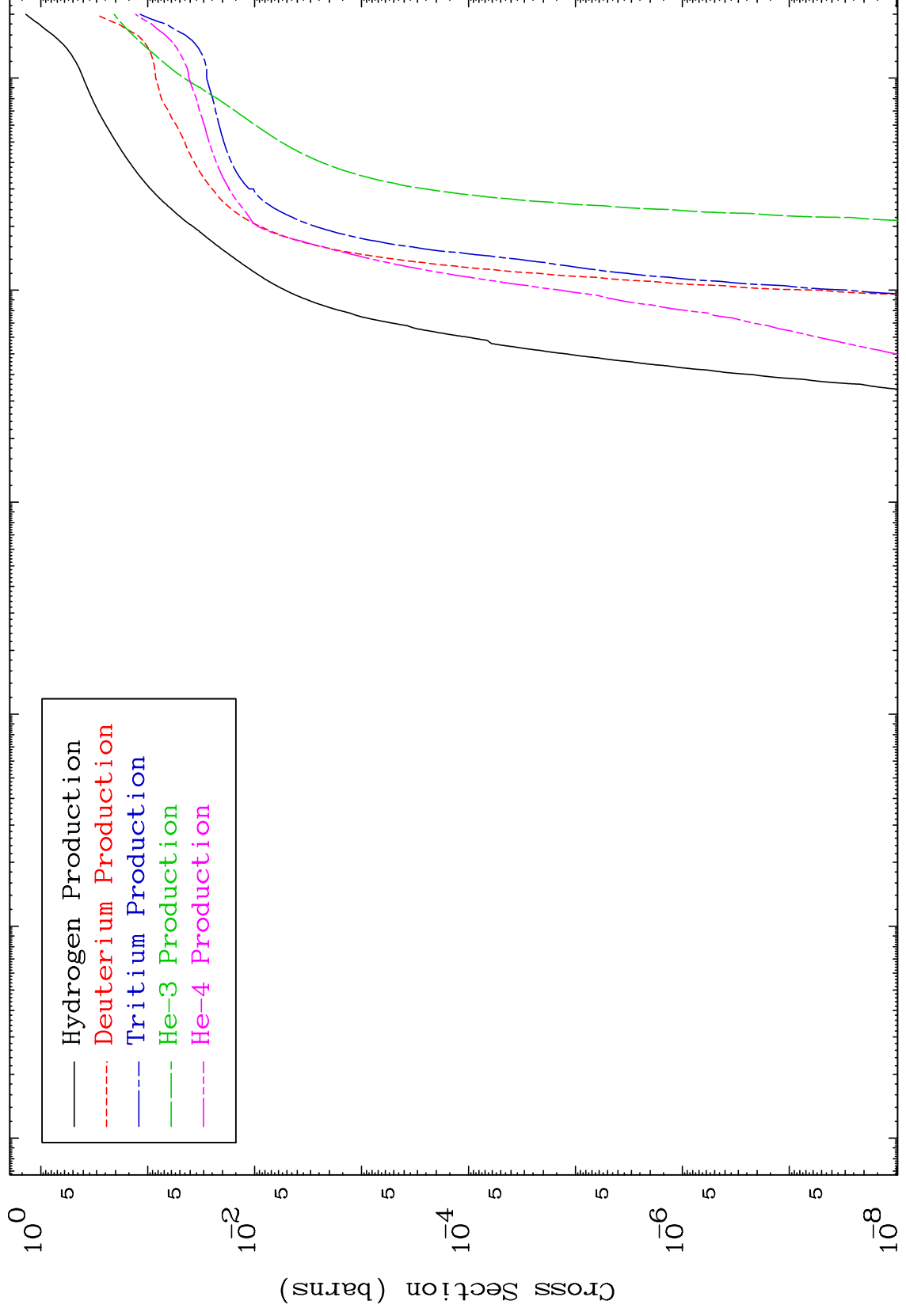
43-Tc-104



MAT 4340

Particle Production
293 Kelvin Cross Sections

43-Tc-104



43-Tc-104

Incident Energy (MeV)

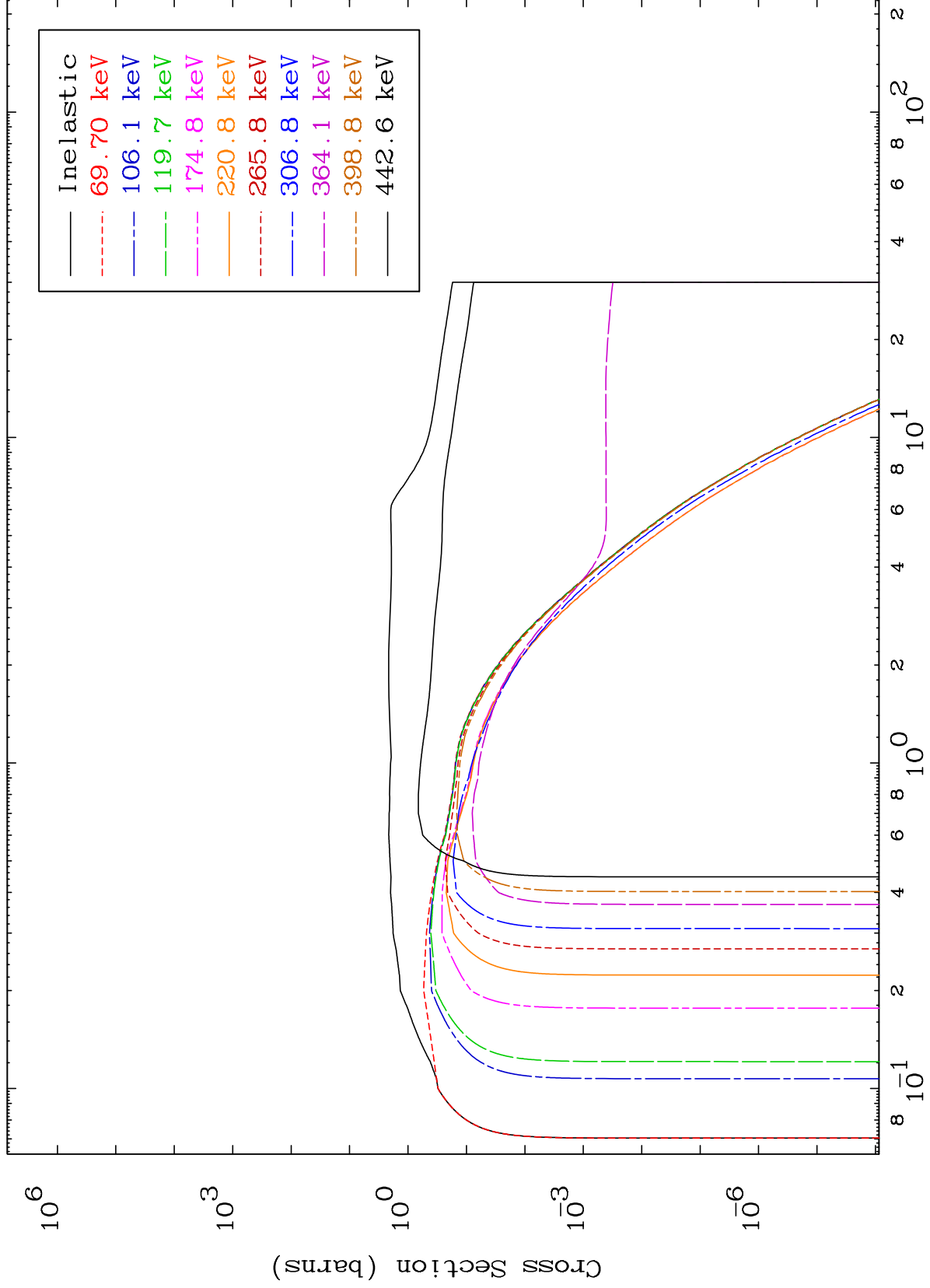
6

MAT 4340

(n,n') Level

43-Tc-104

293 Kelvin Cross Sections



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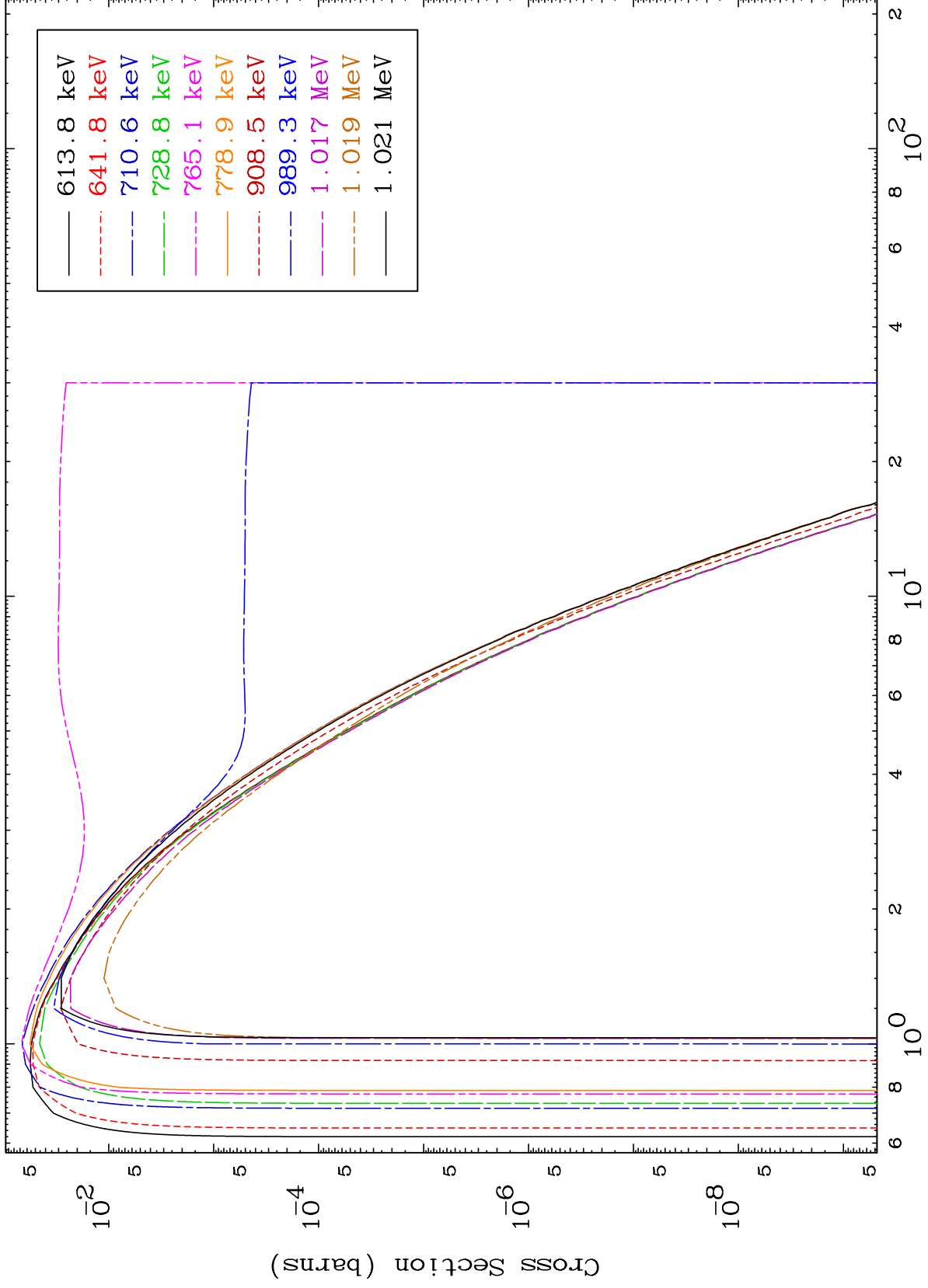
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,n') Level
293 Kelvin Cross Sections

43-Tc-104



Incident Energy (MeV)

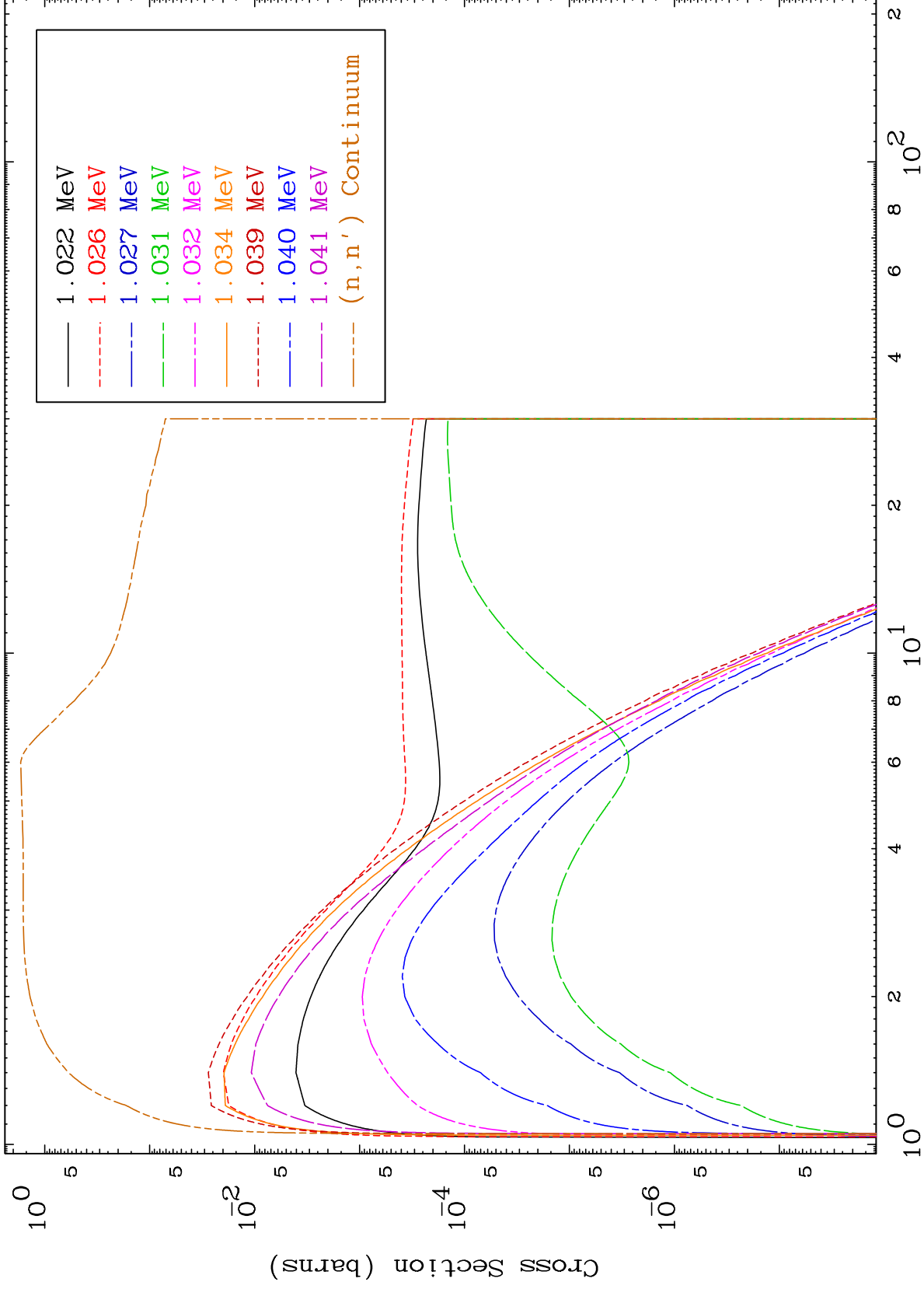
43-Tc-104

MAT 4340

(n,n') Level

43-Tc-104

293 Kelvin Cross Sections



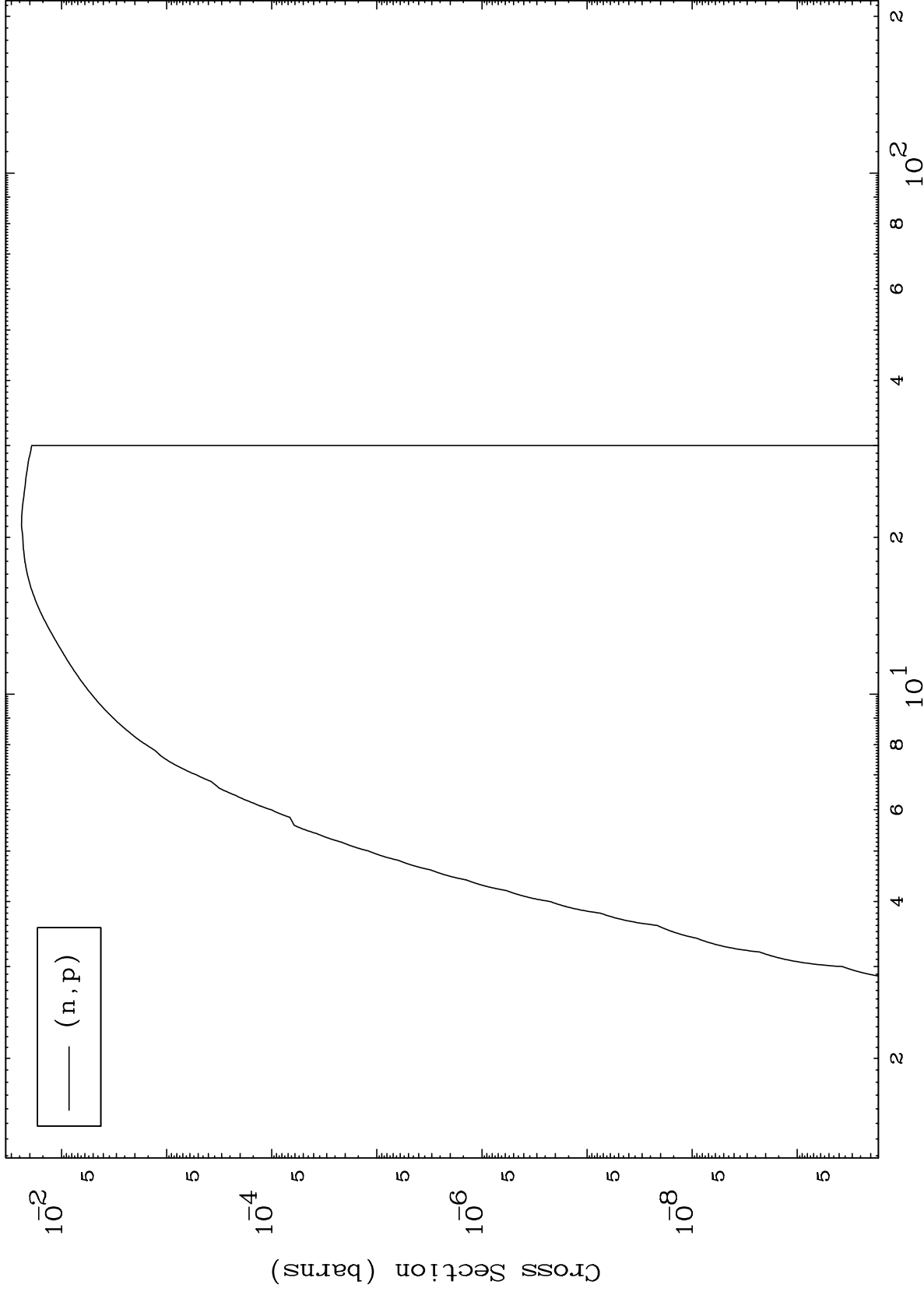
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-104



10

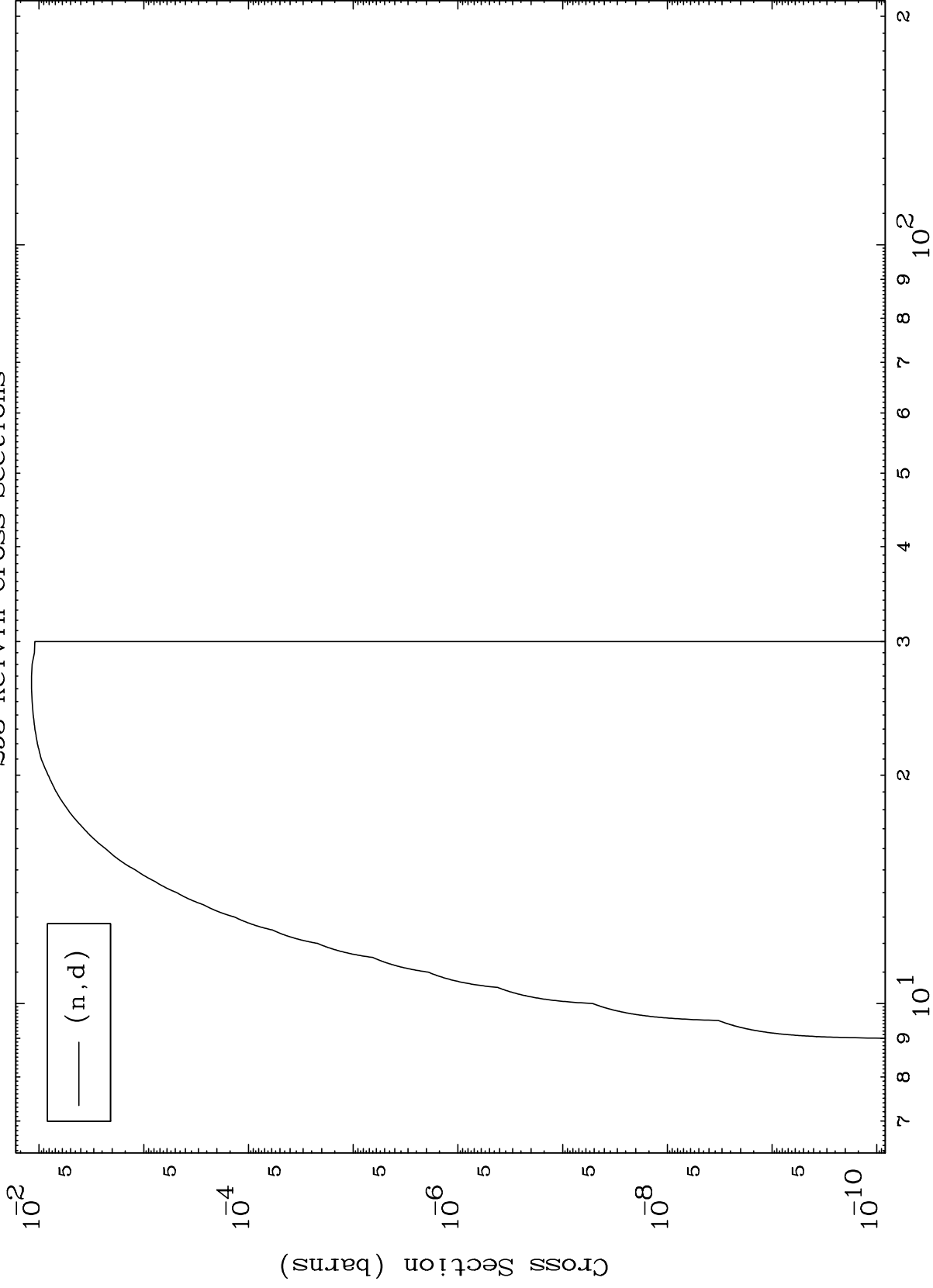
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-104



11

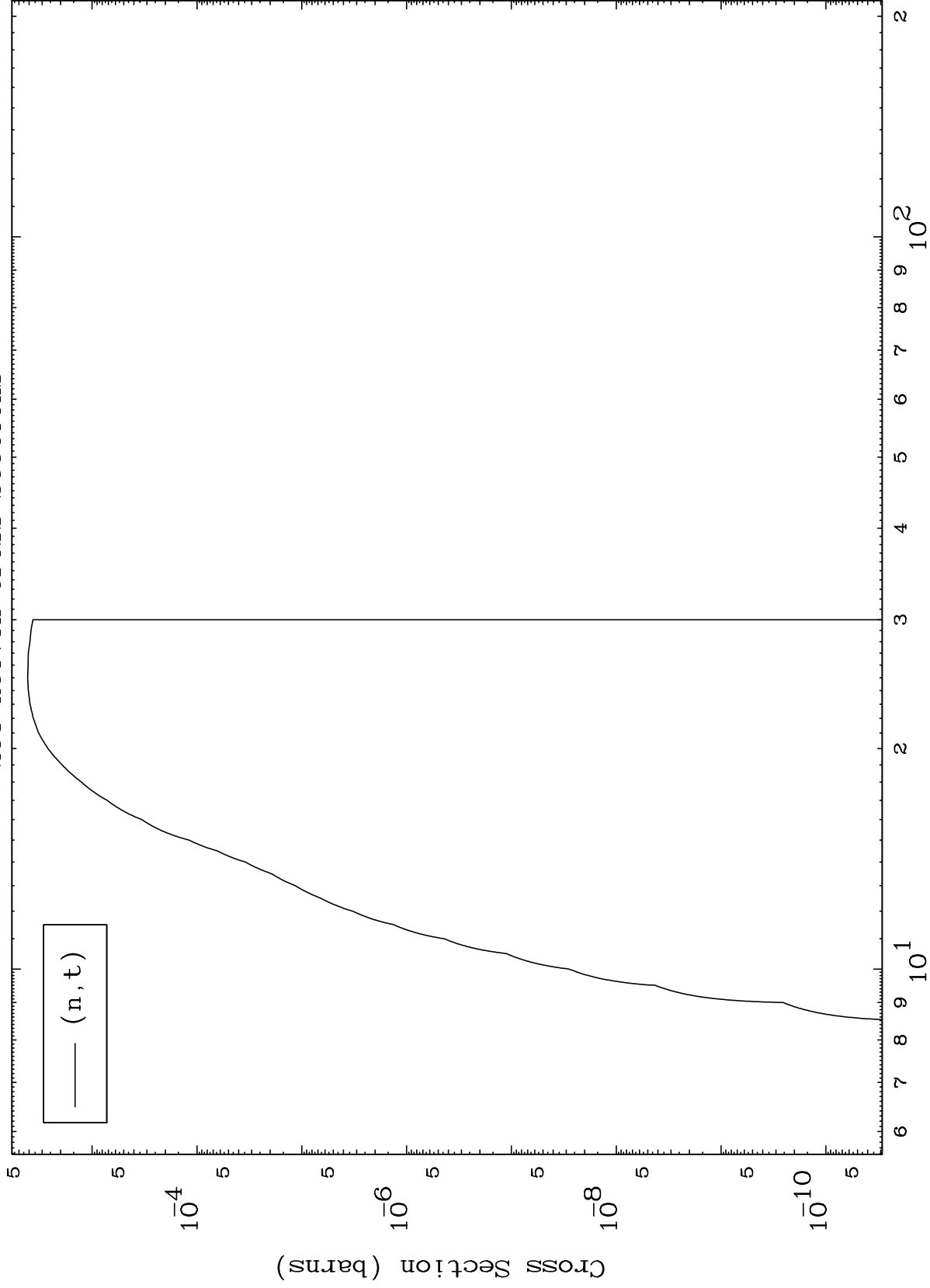
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n, t) Levels
293 Kelvin Cross Sections

43-Tc-104



12

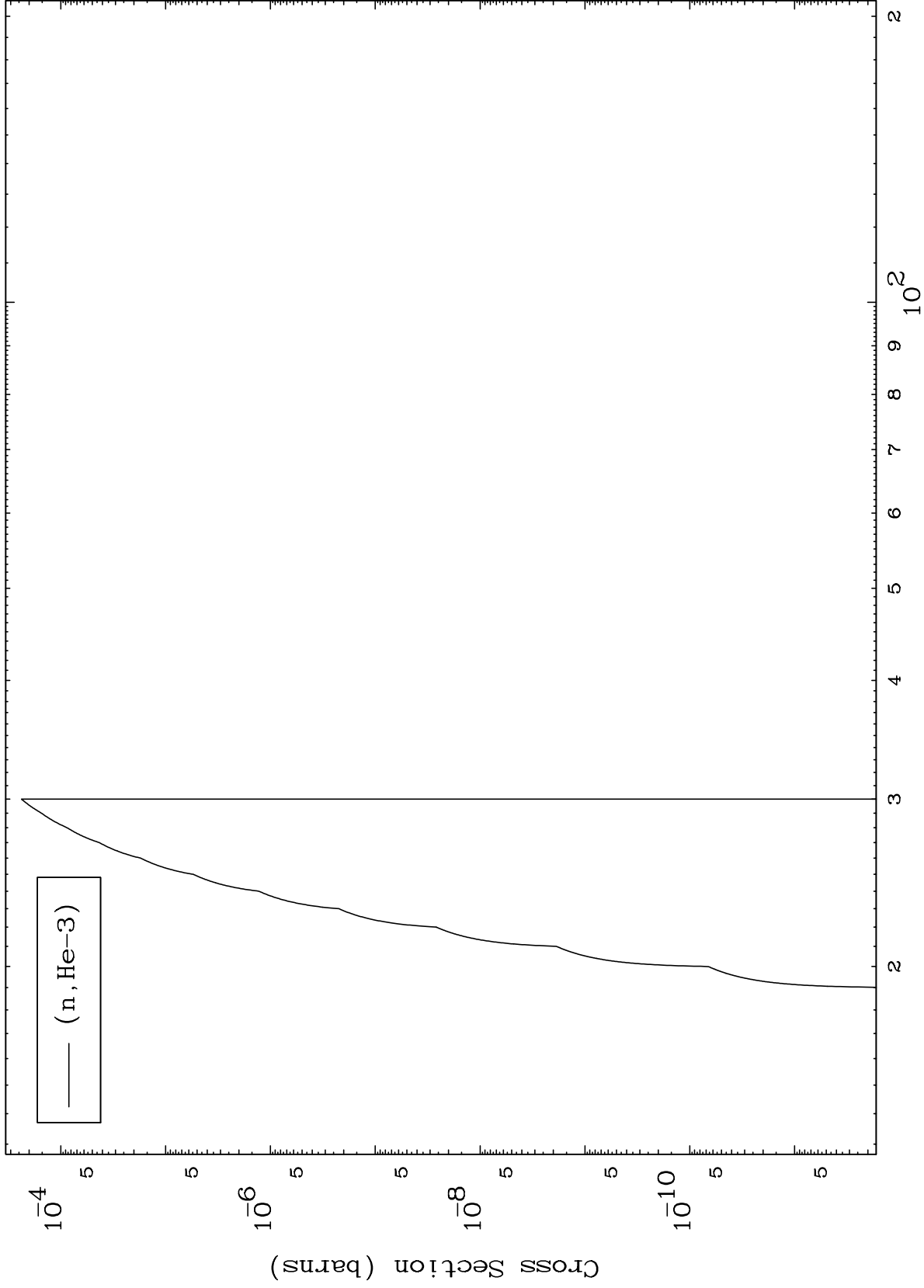
Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-104



13

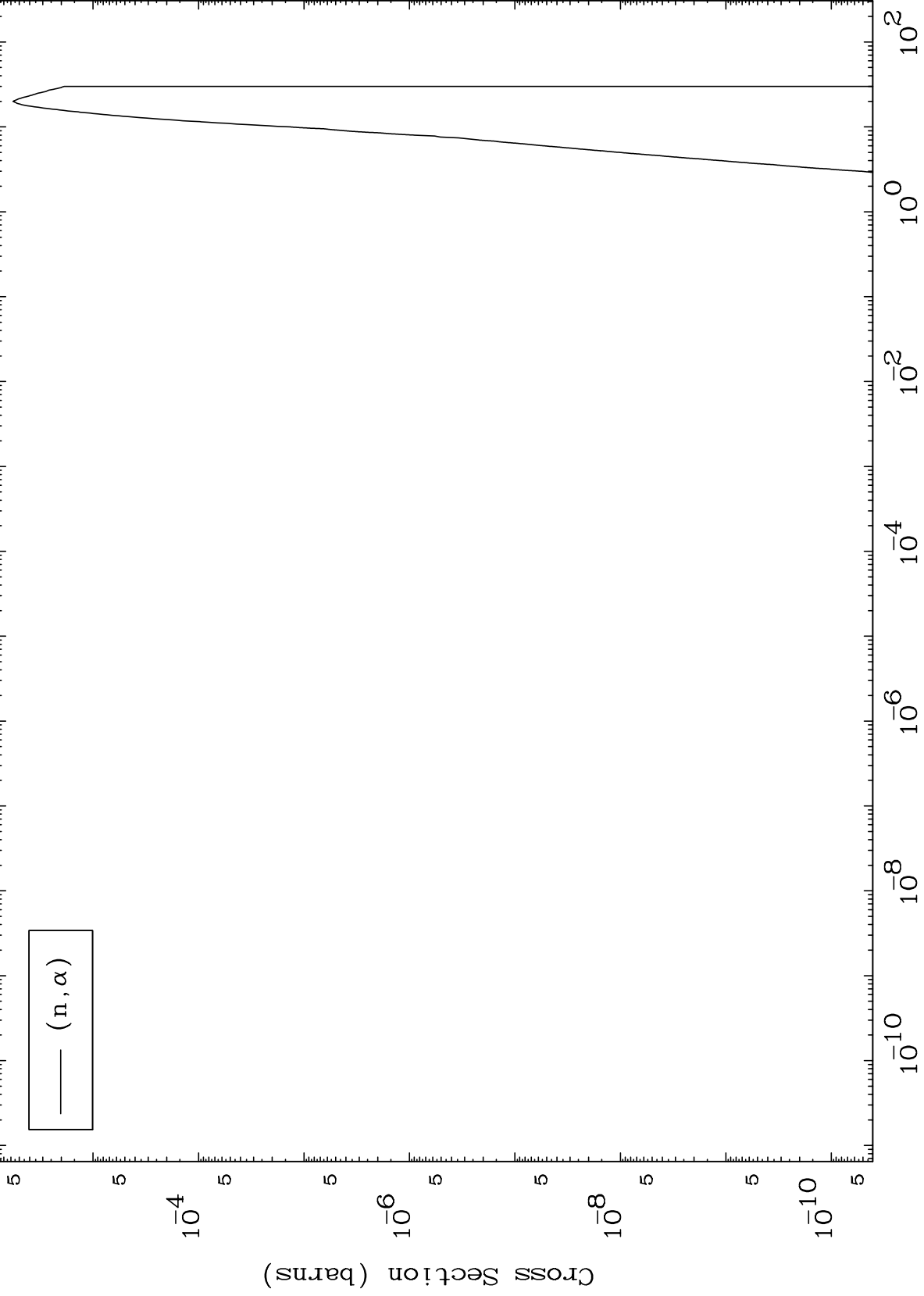
Incident Energy (MeV)

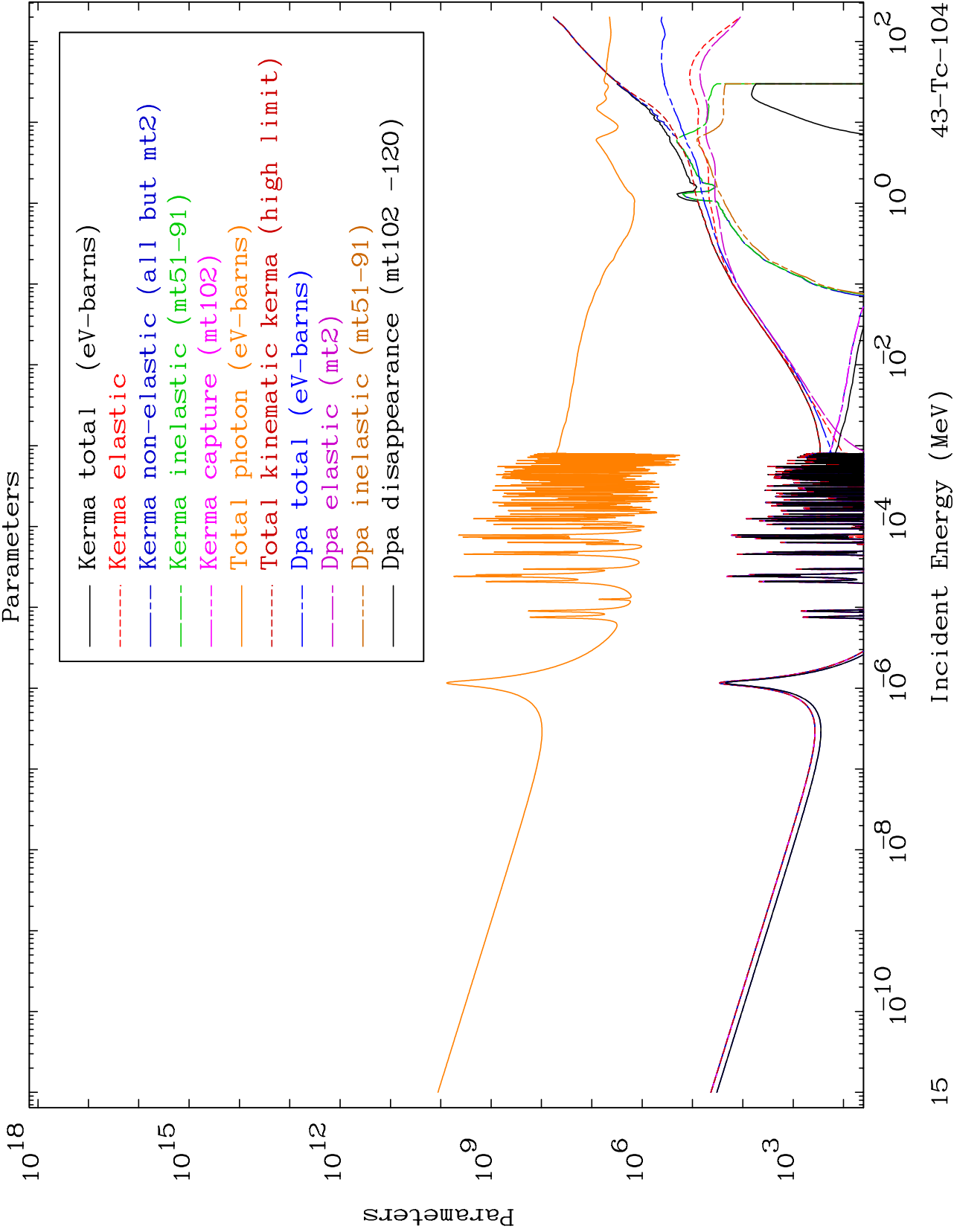
43-Tc-104

MAT 4340

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-104

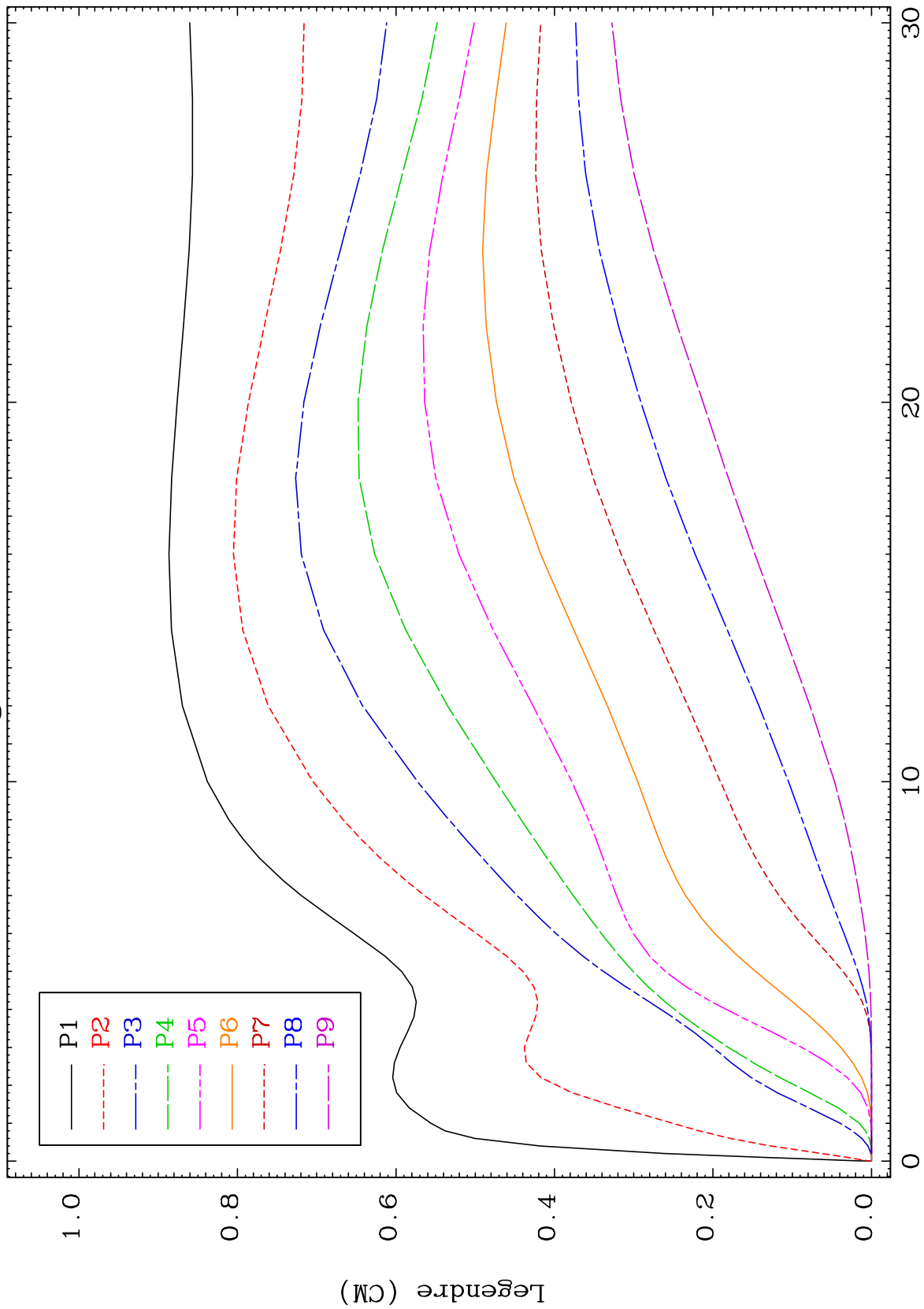




MAT 4340

Elastic Legendre Coefficients

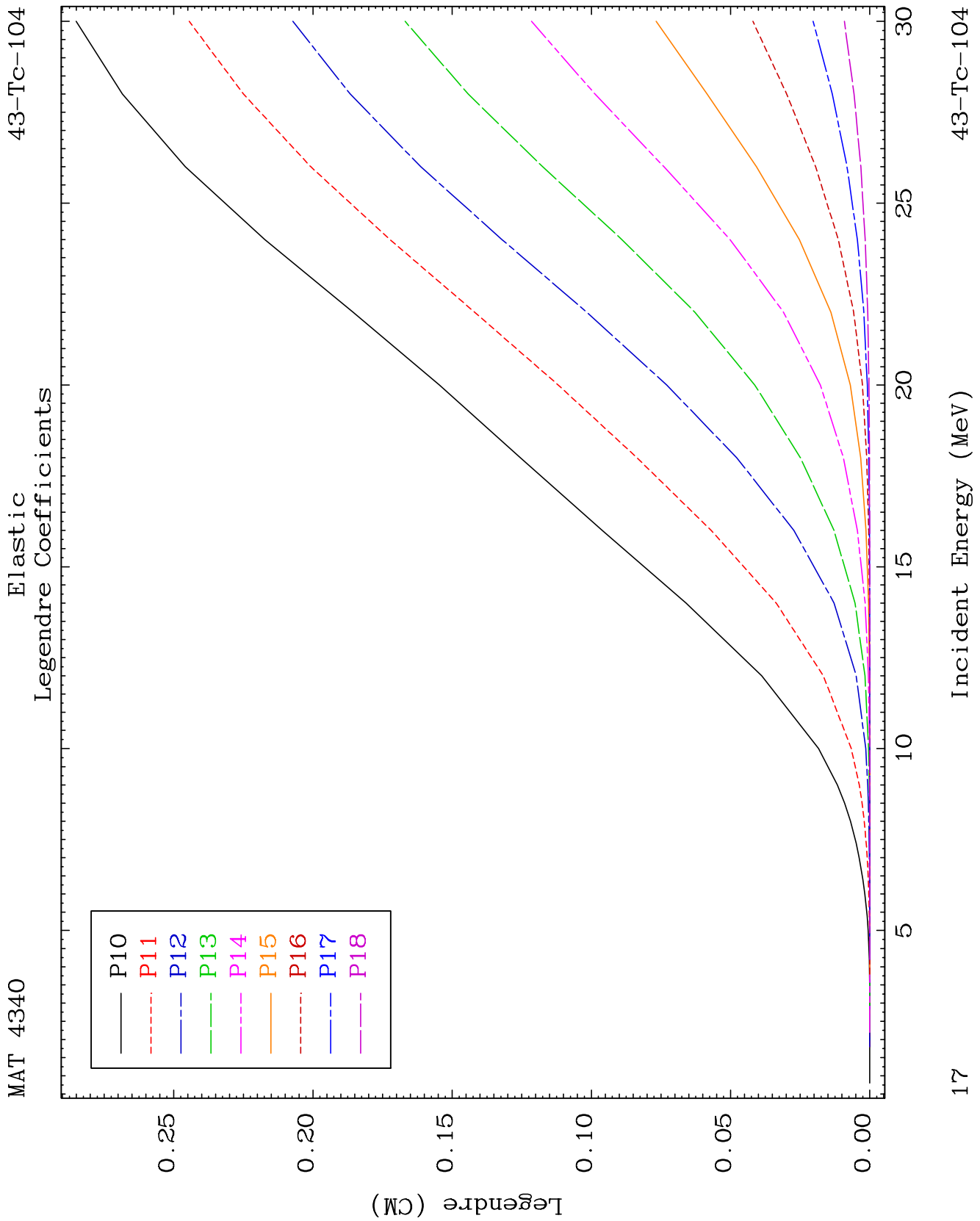
43-Tc-104



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Incident Energy (MeV)

43-Tc-104



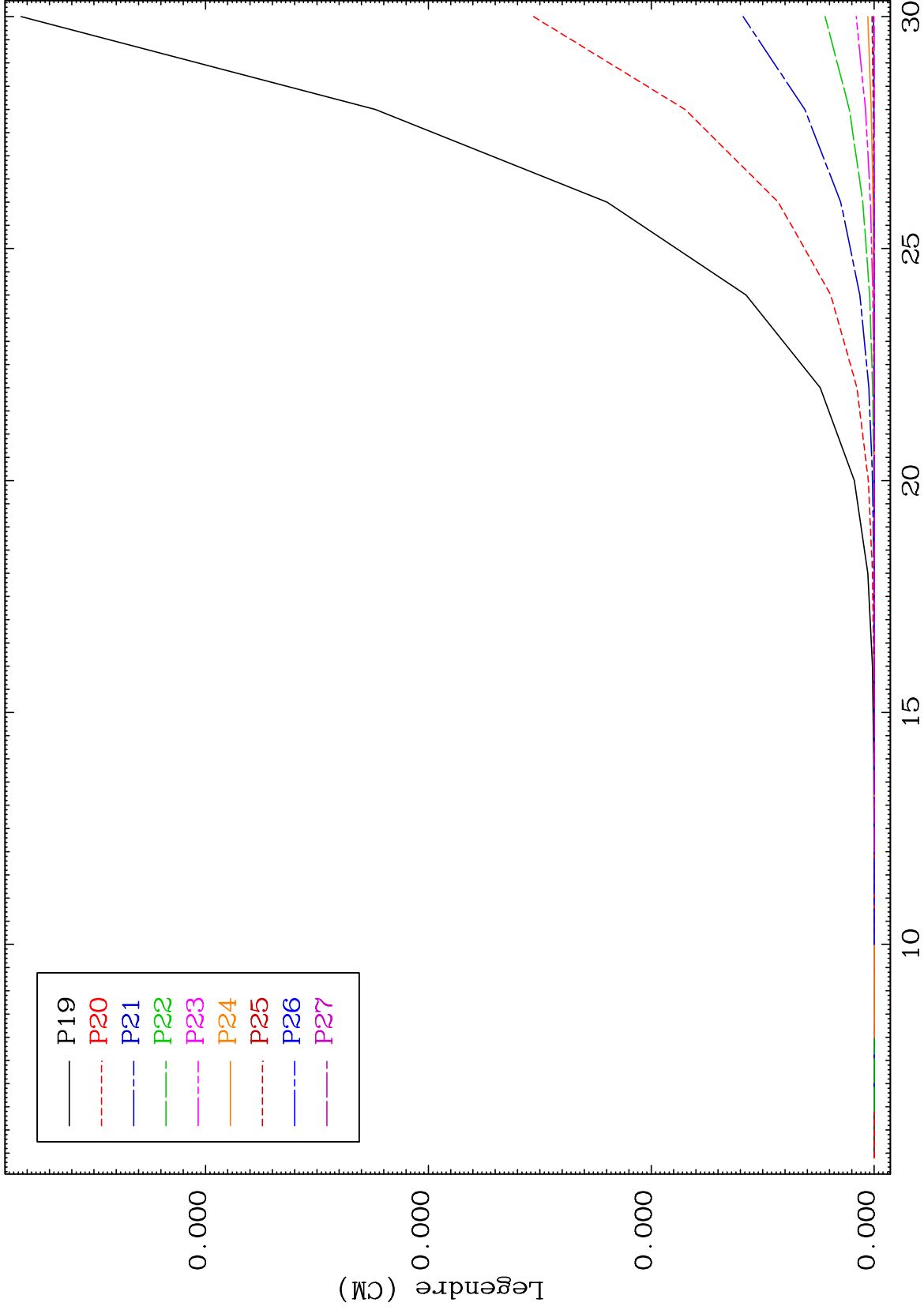
MAT 4340

43-Tc-104

MAT 4340

Elastic Legendre Coefficients

43-Tc-104



18

Incident Energy (MeV)

43-Tc-104

MAT 4340

Elastic Legendre Coefficients

43-Tc-104

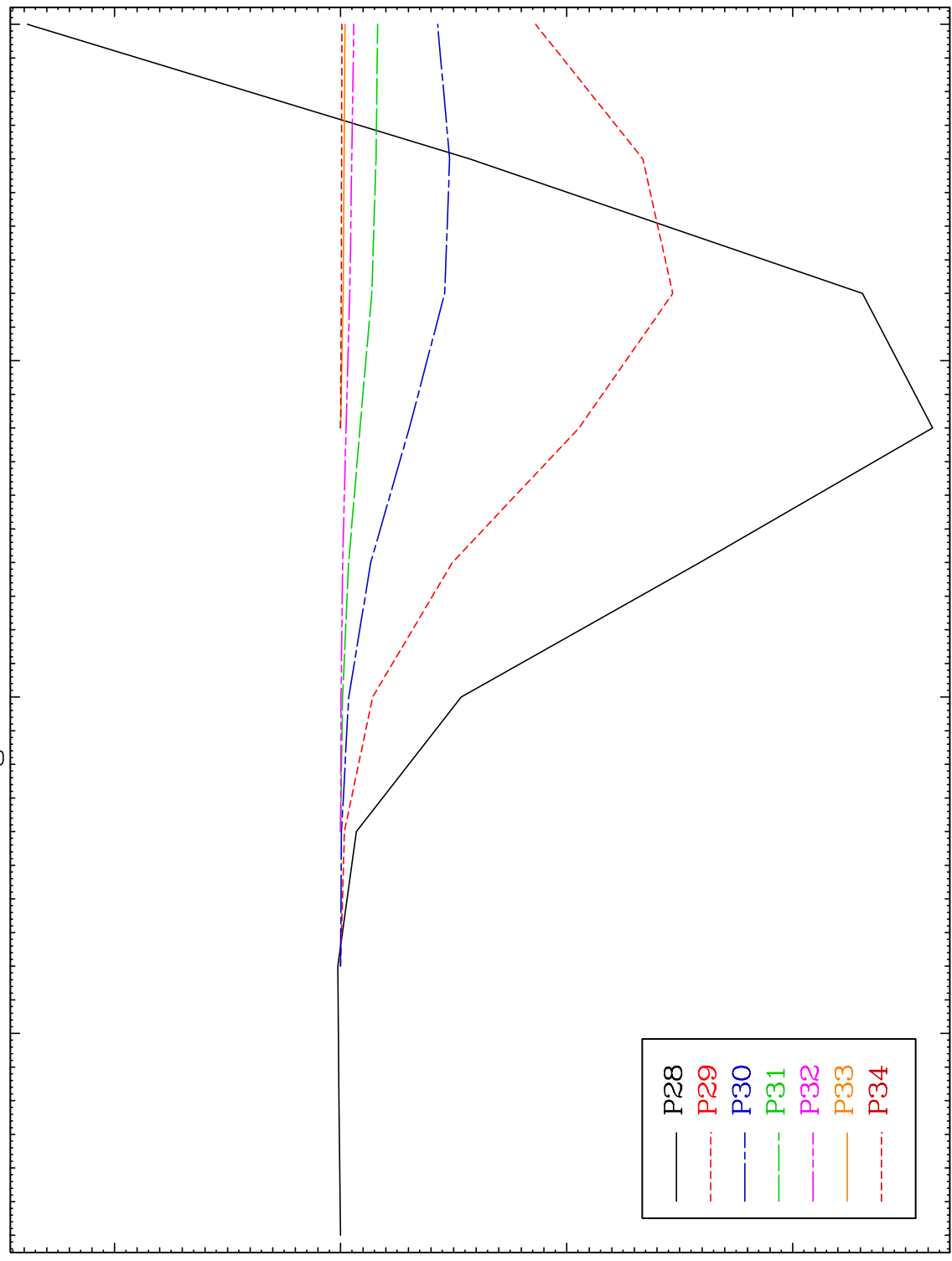
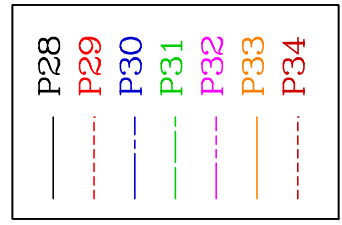
$\times 10^{-7}$
0.5

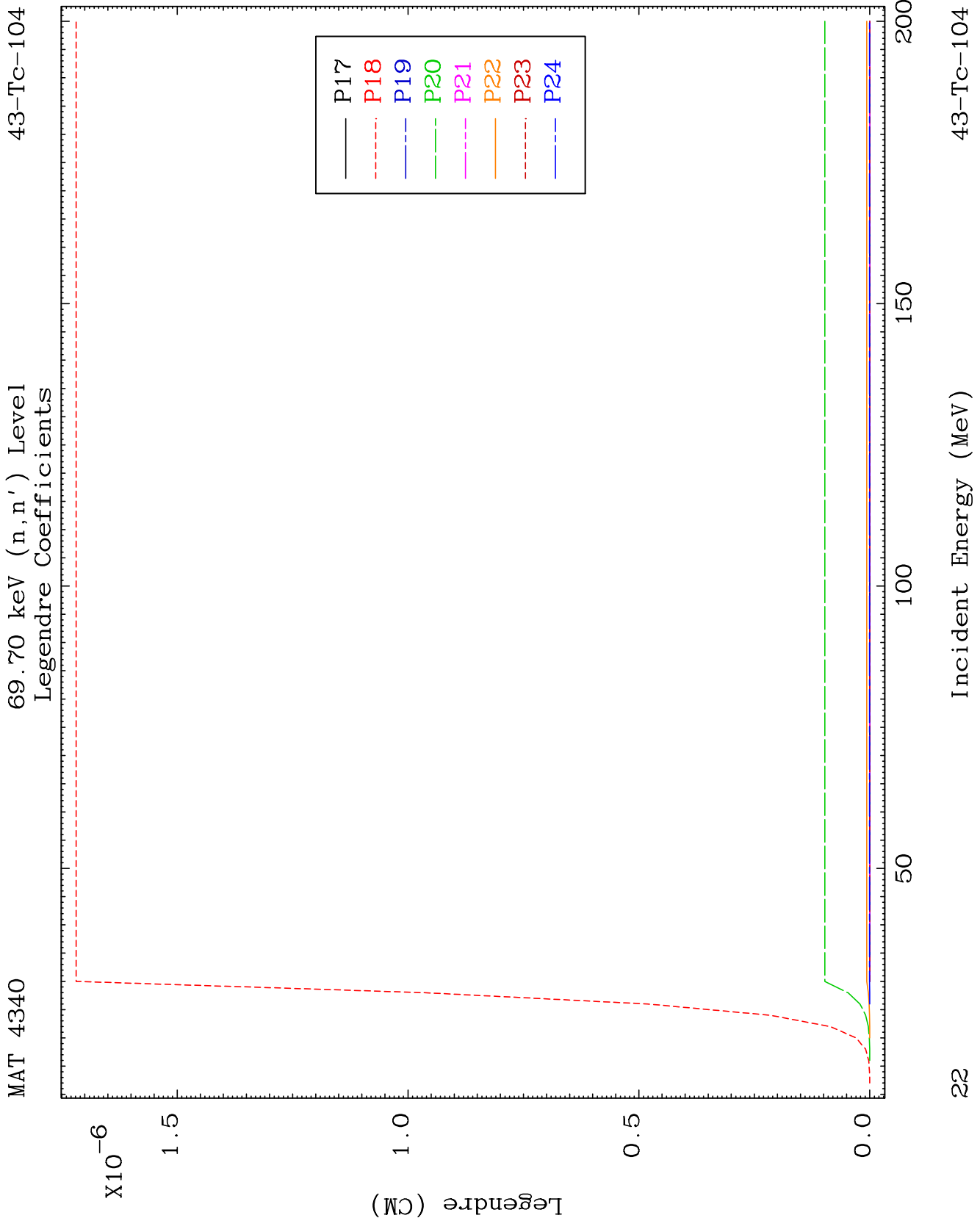
Legendre (CM)
0.0
-0.5
-1.0

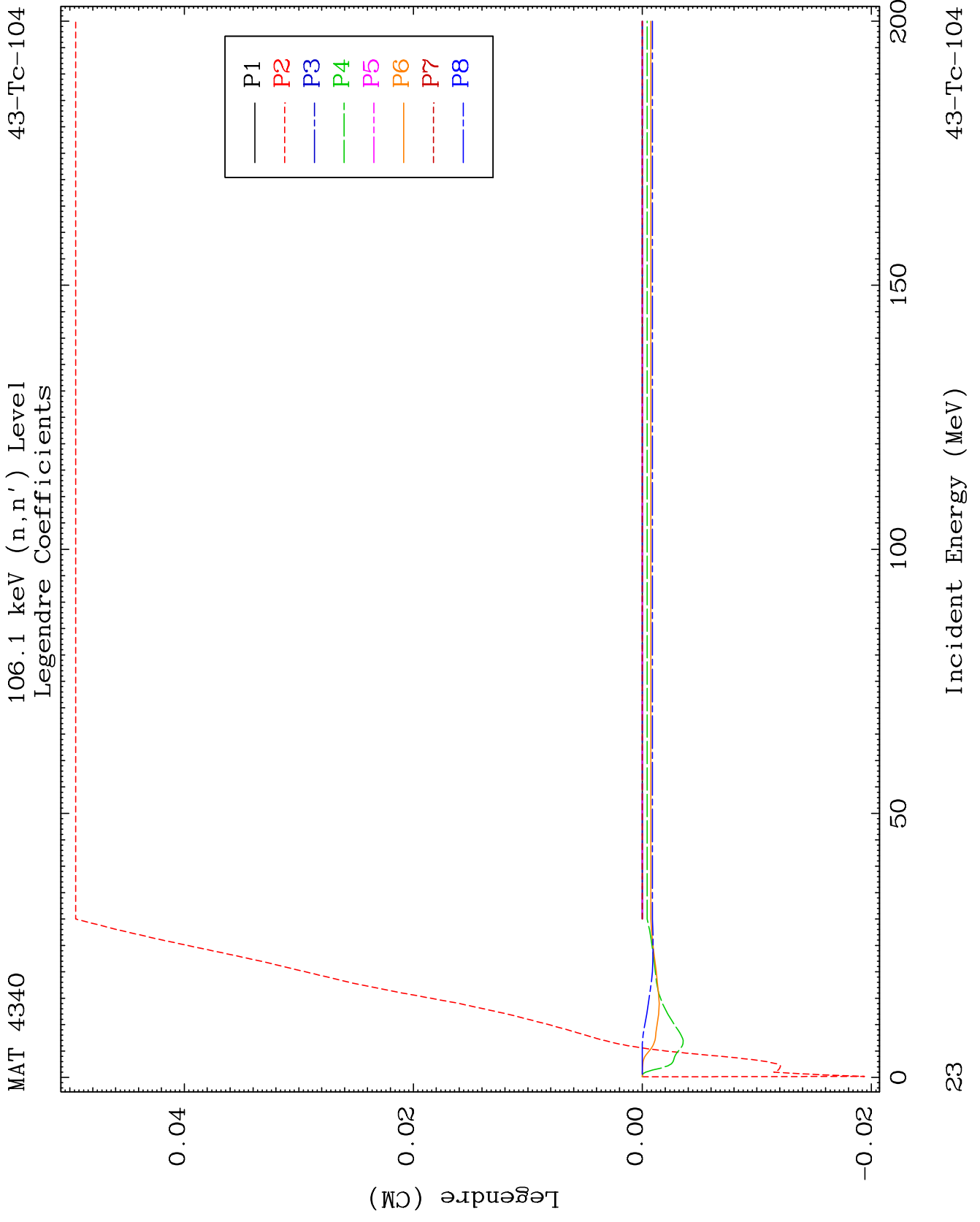
15 20 25 30

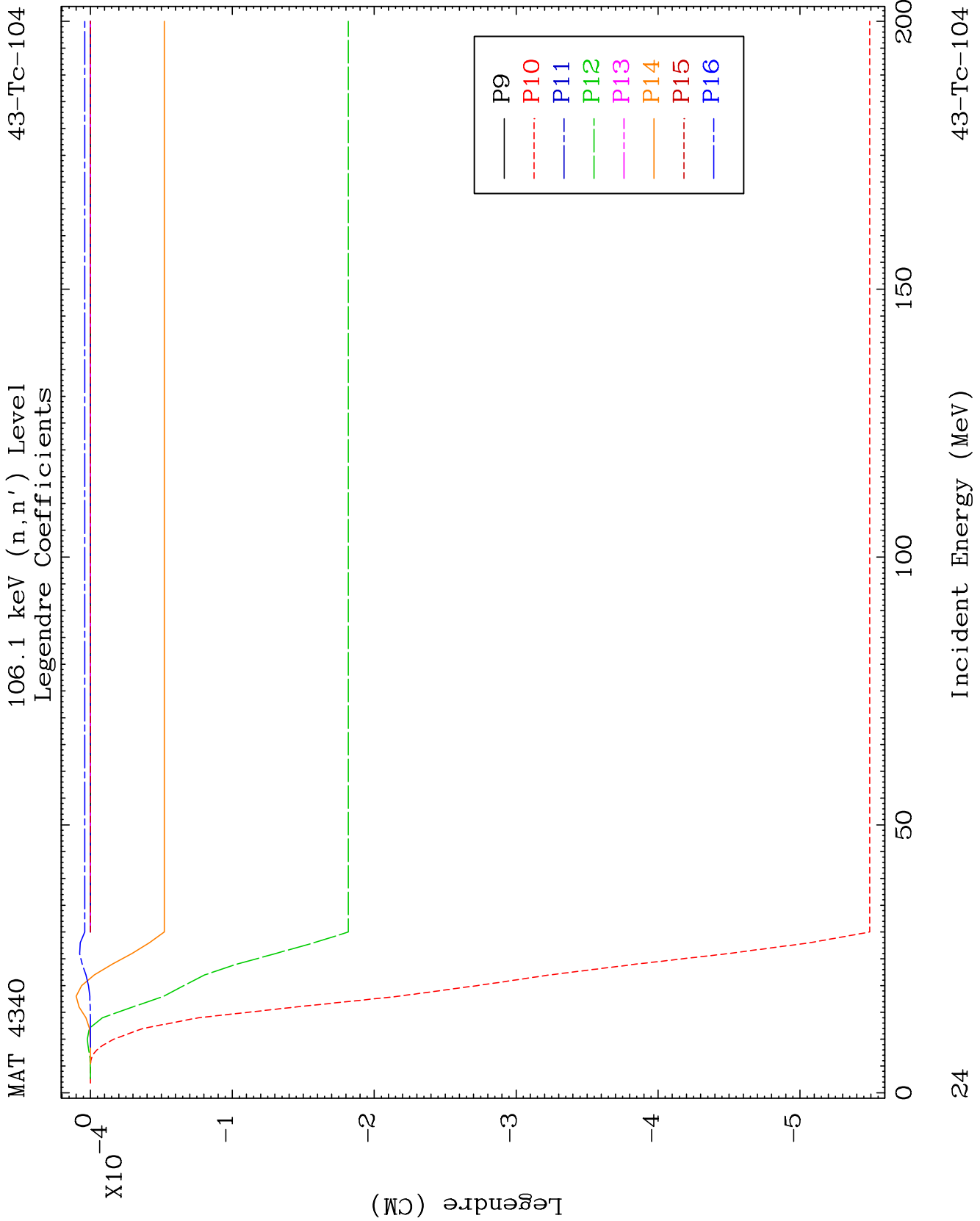
Incident Energy (MeV)

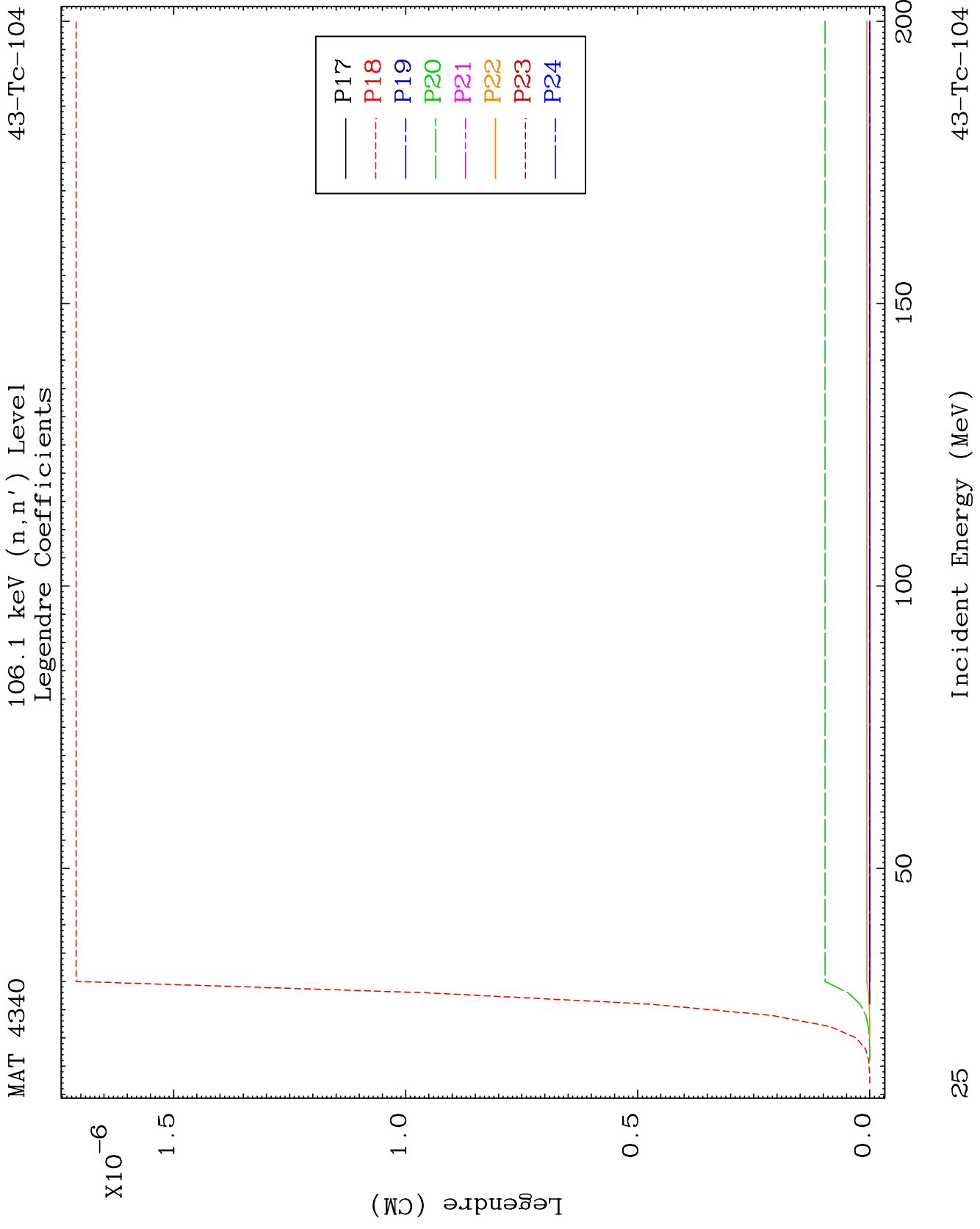
43-Tc-104

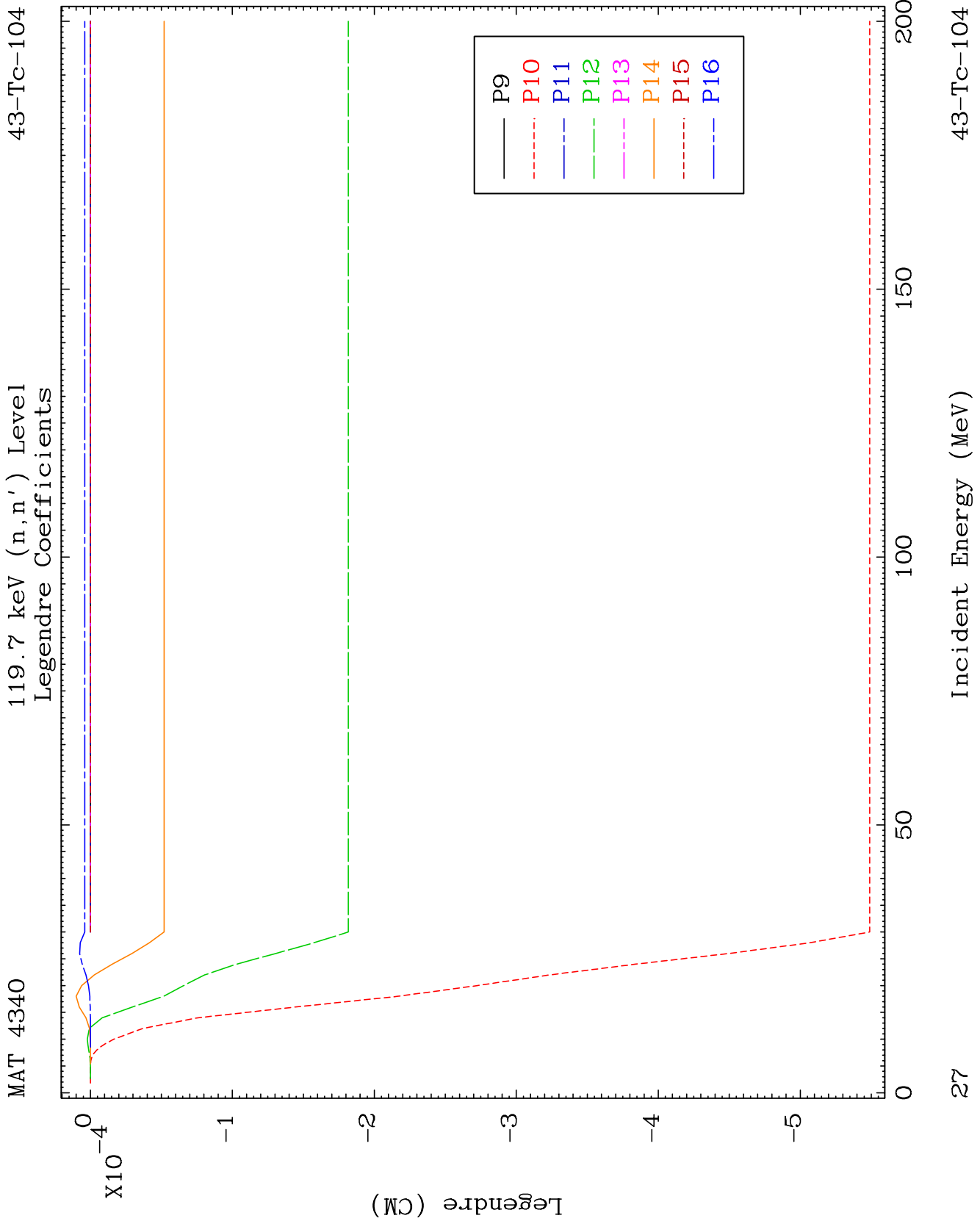


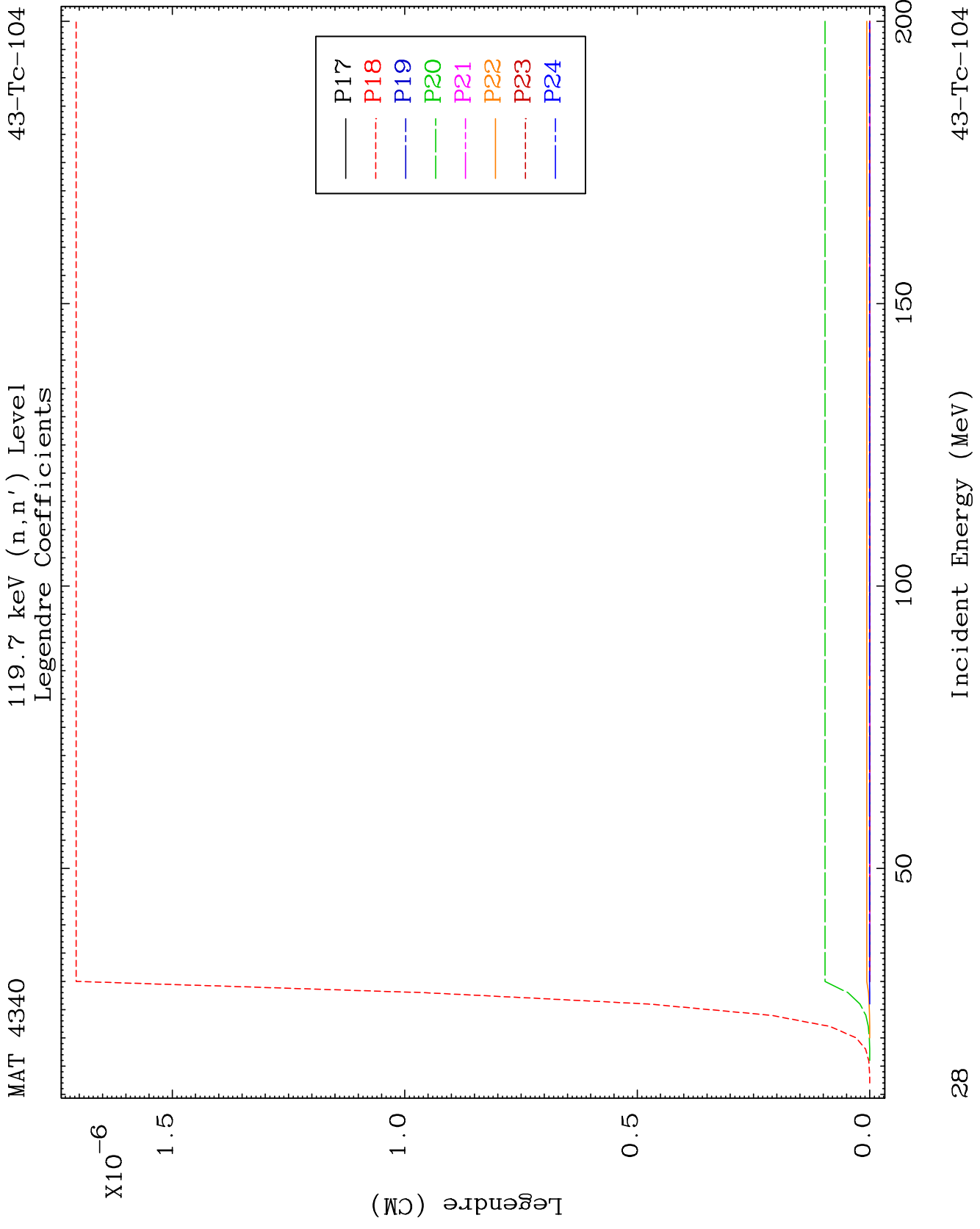


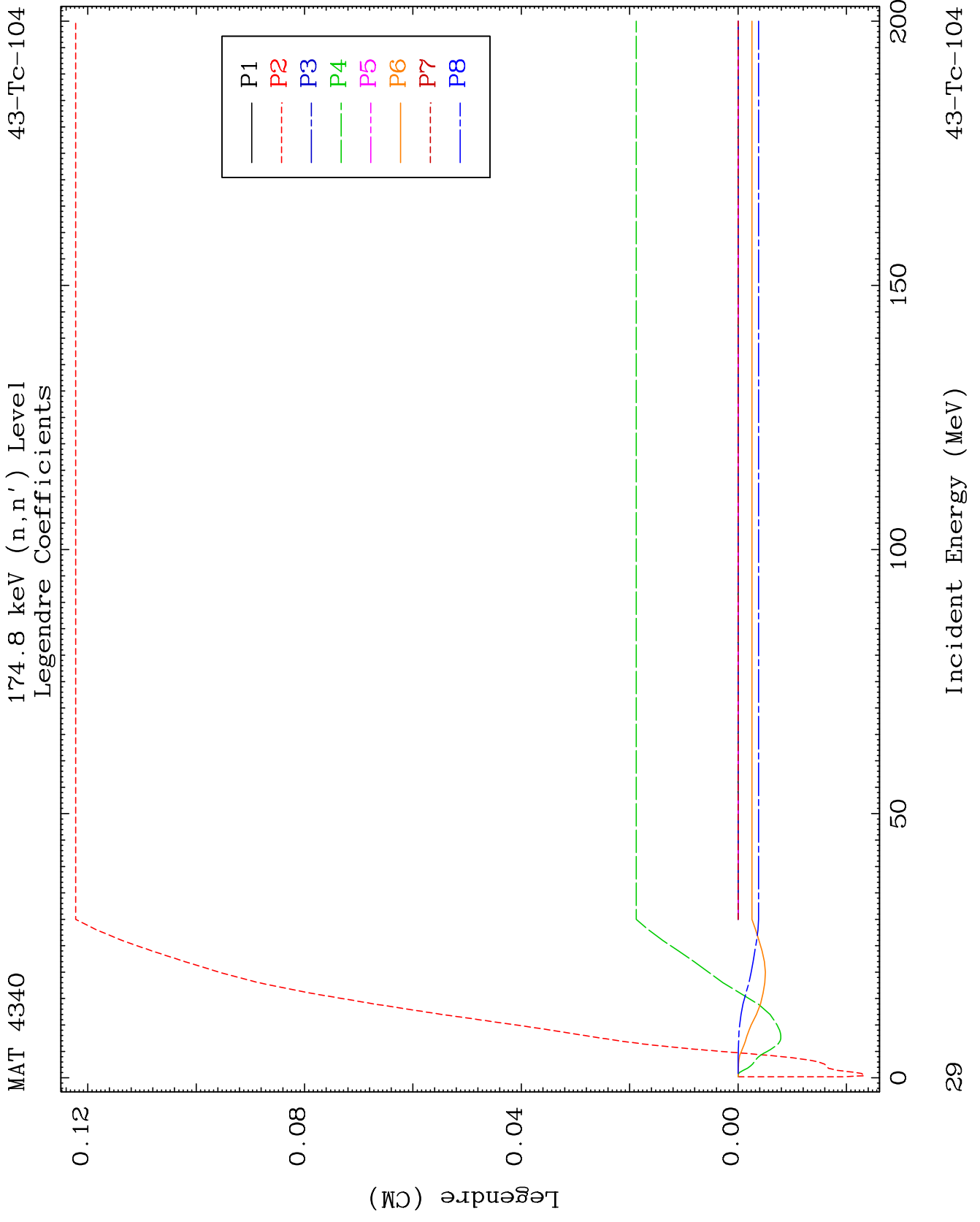


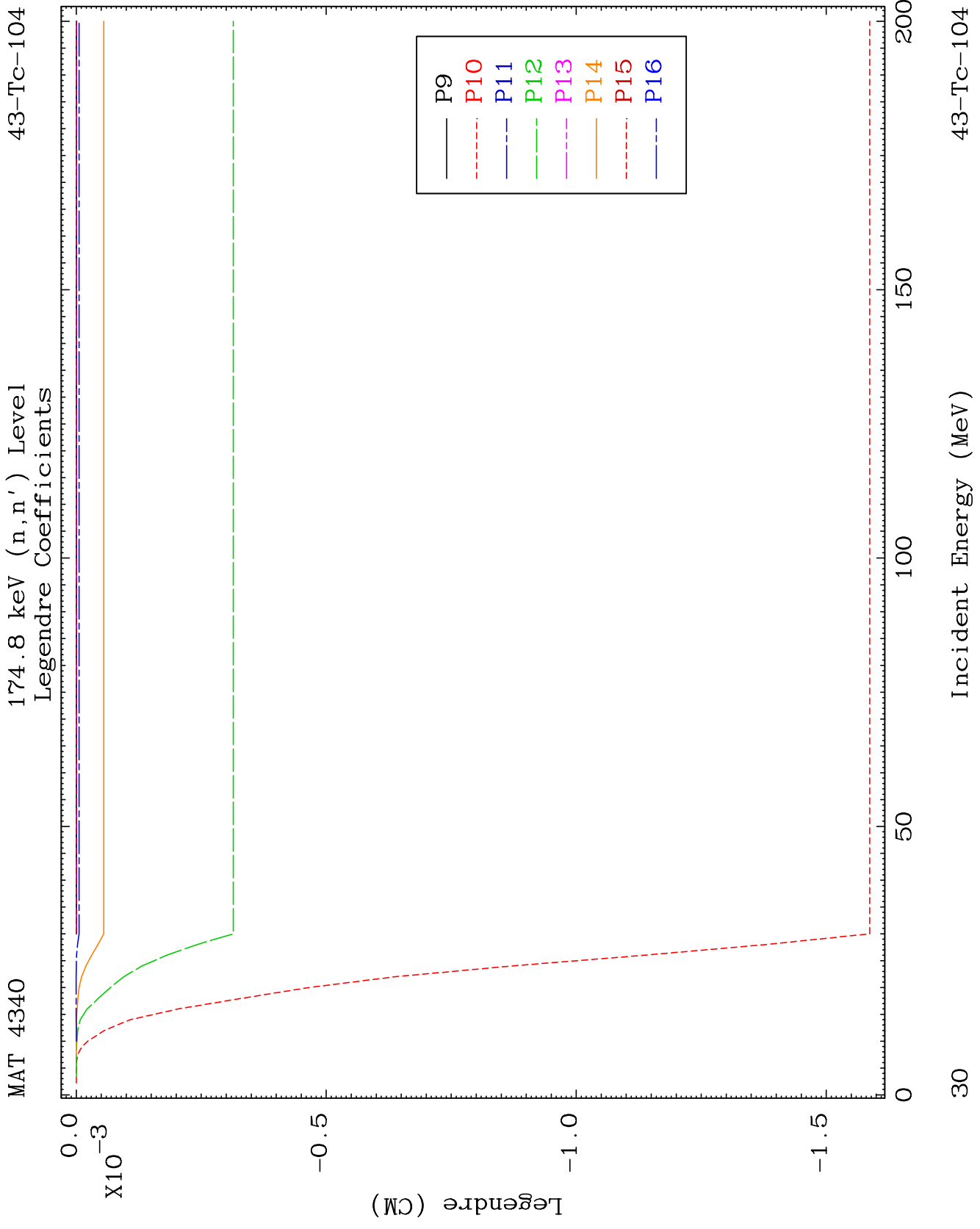


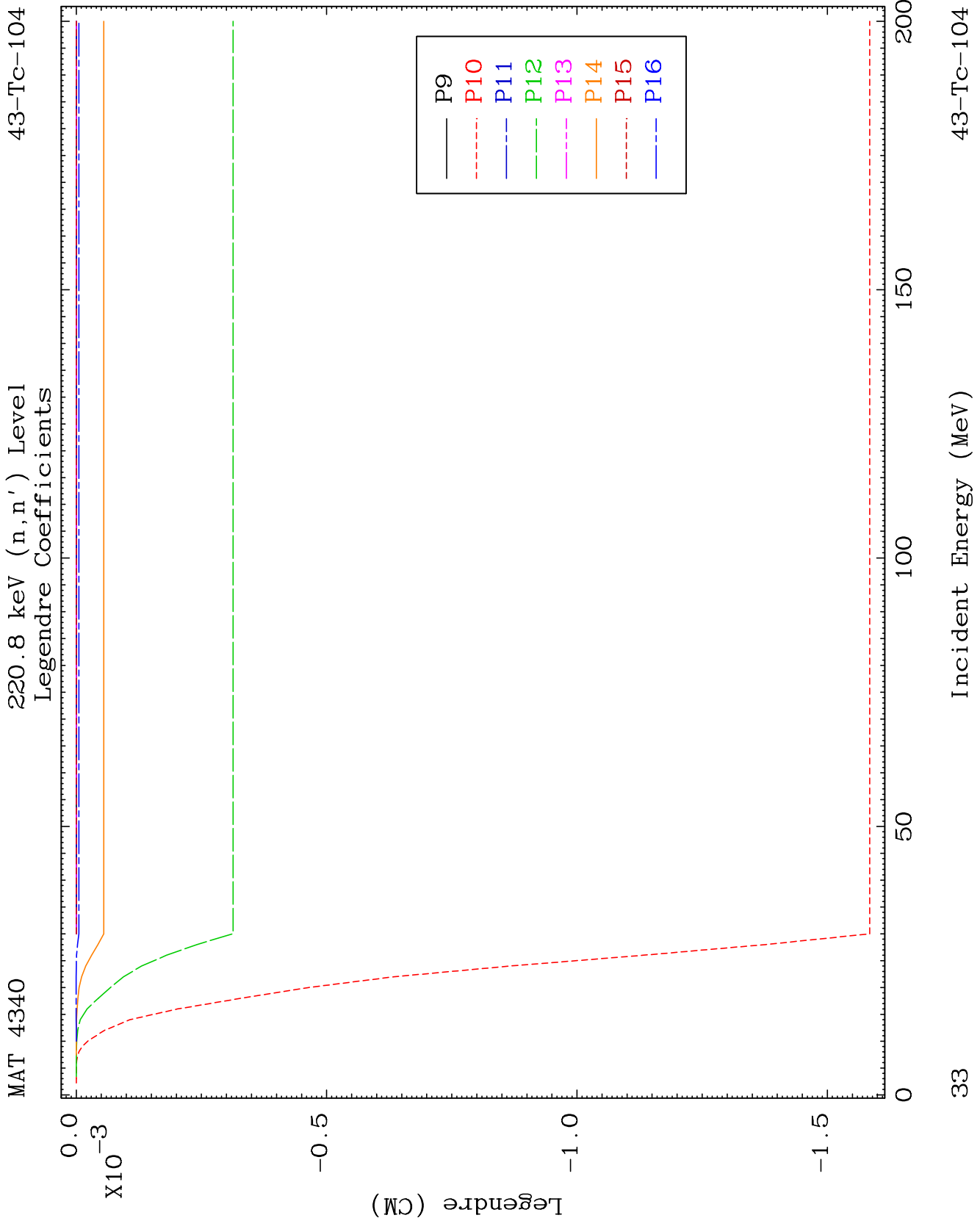


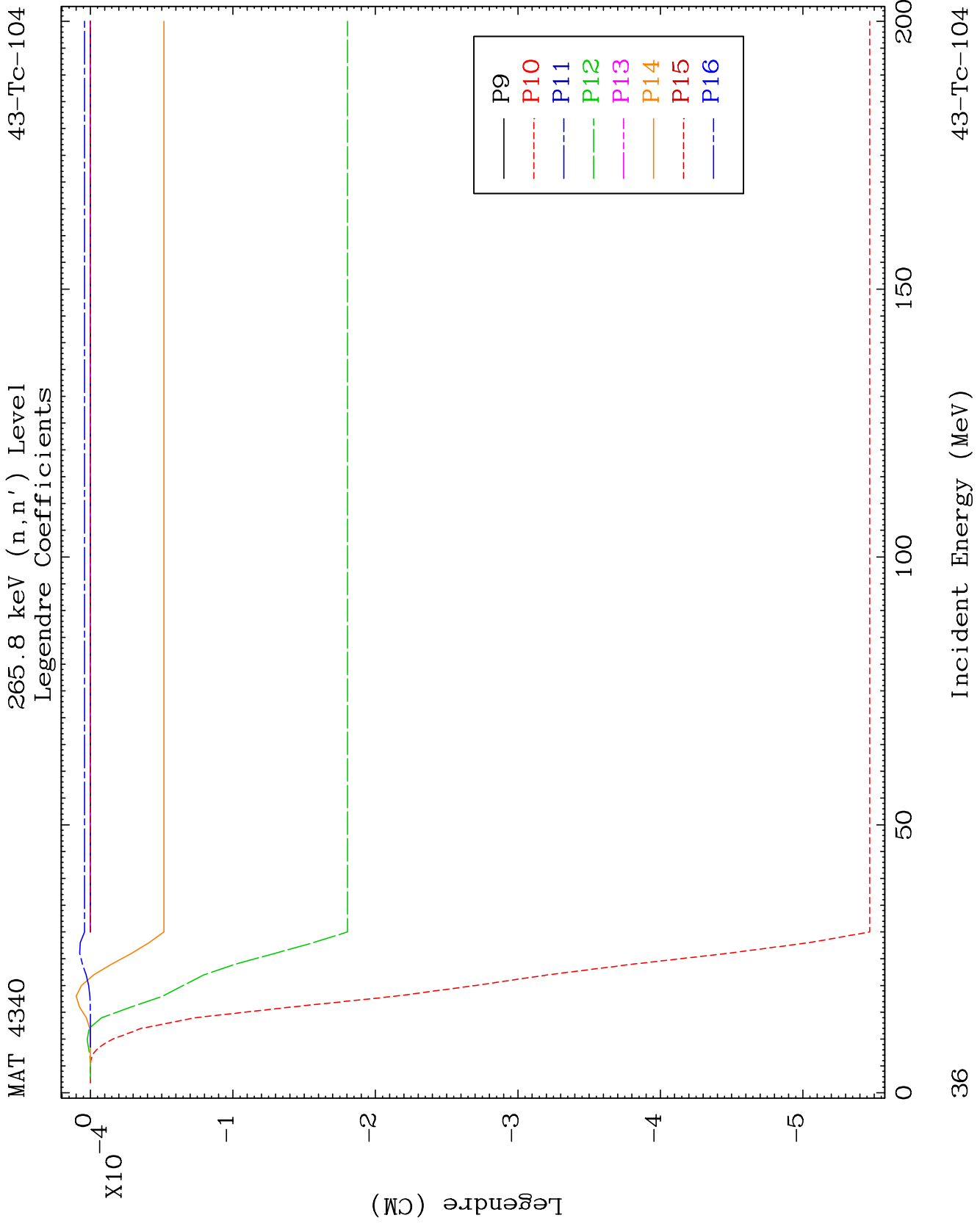


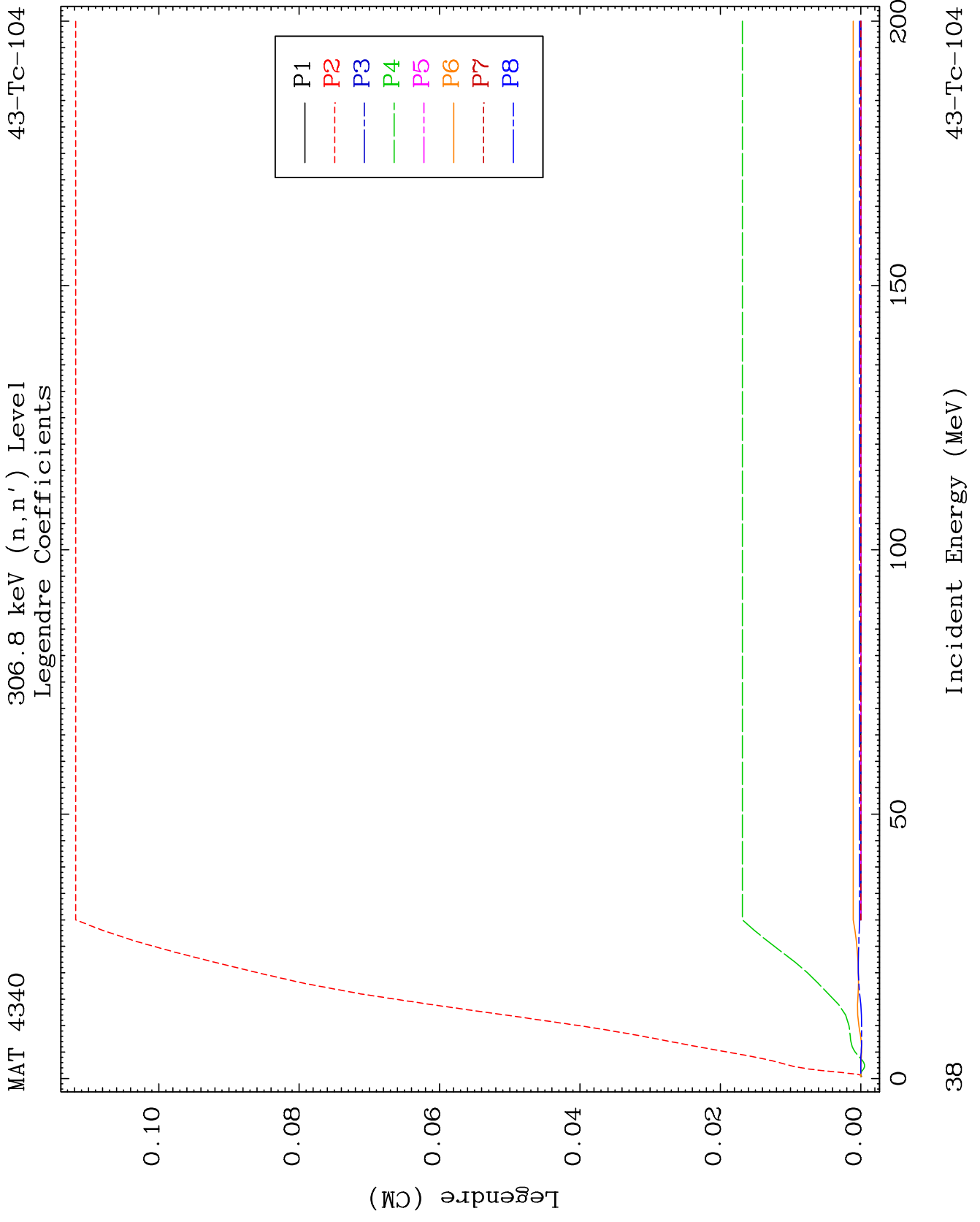


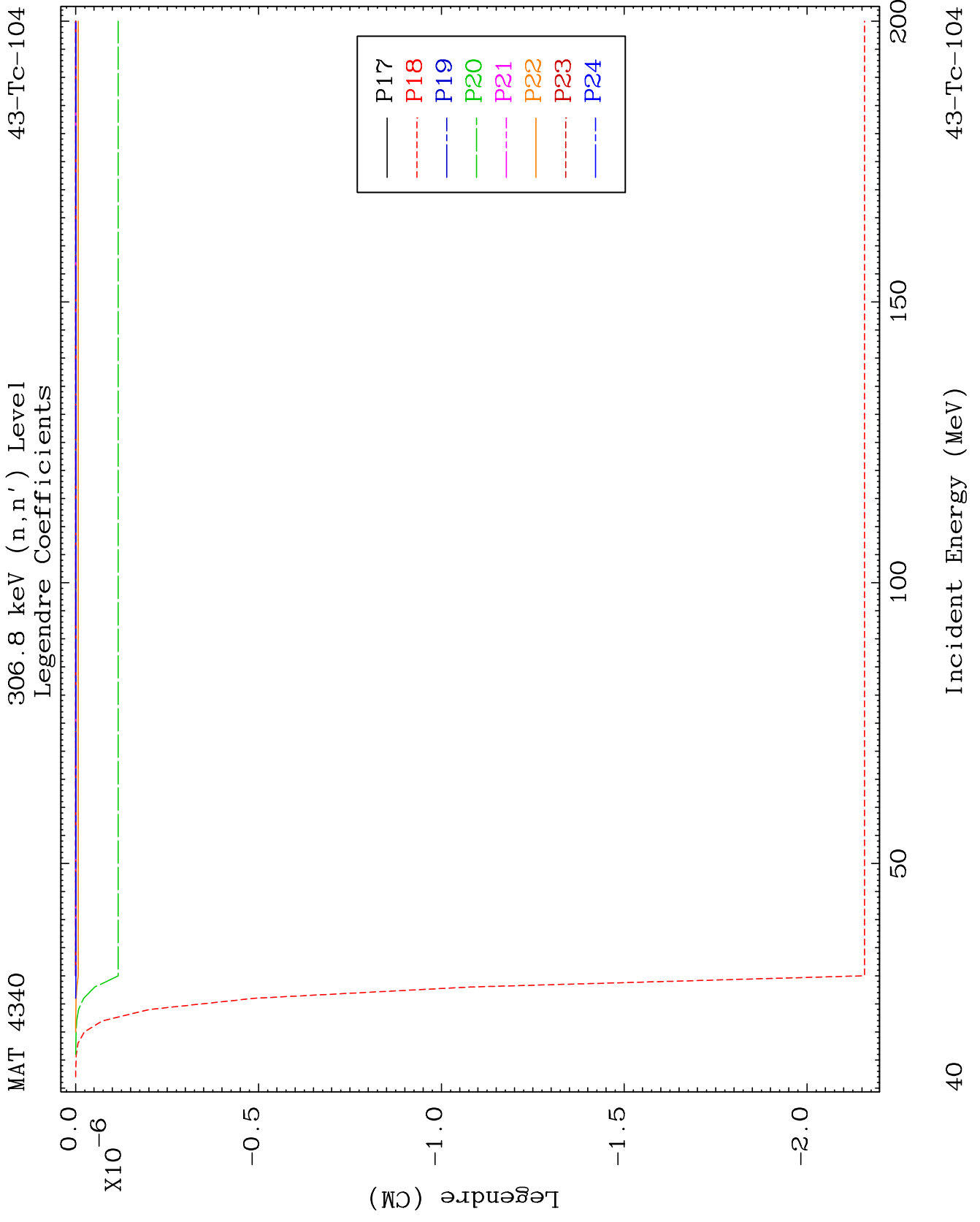


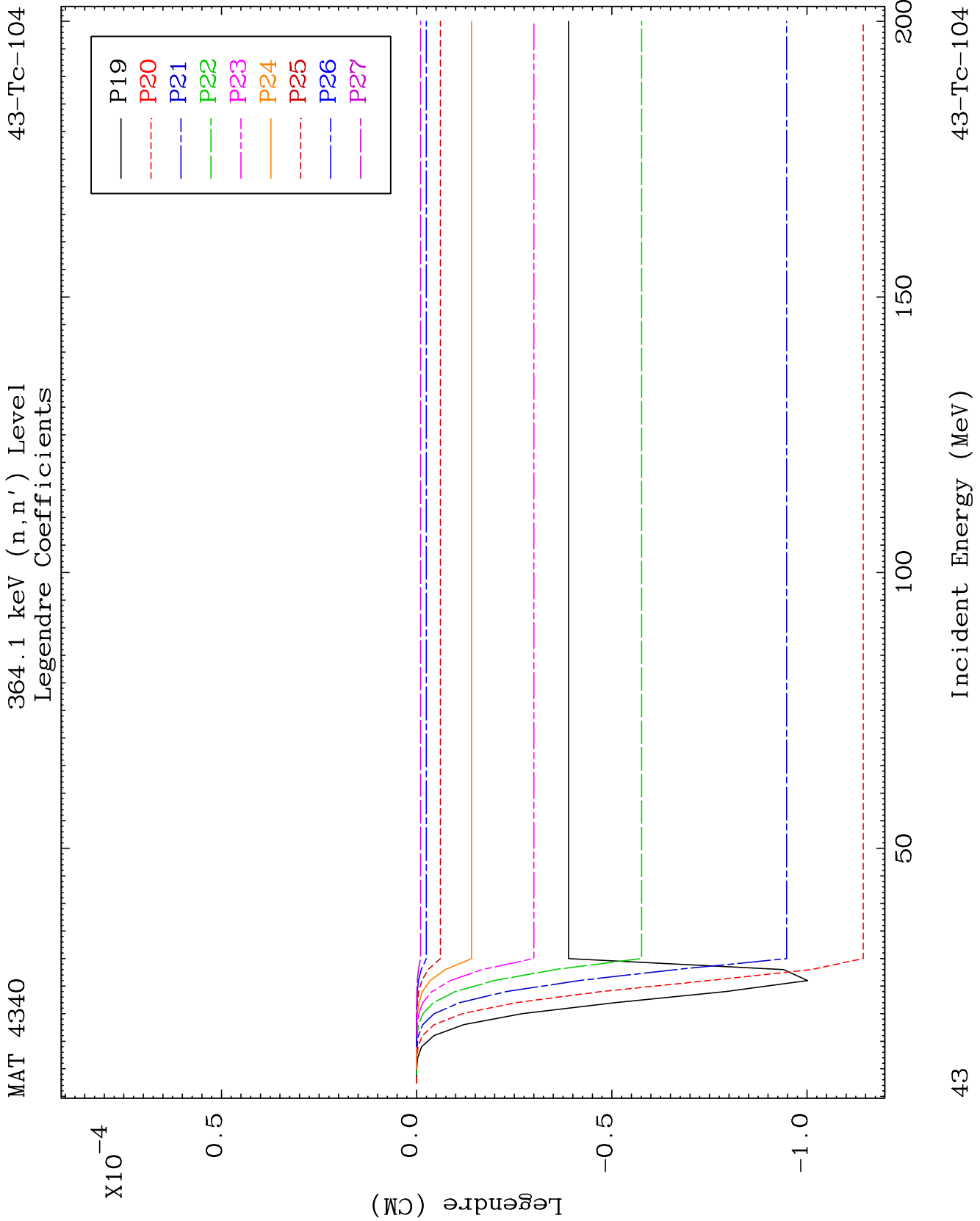


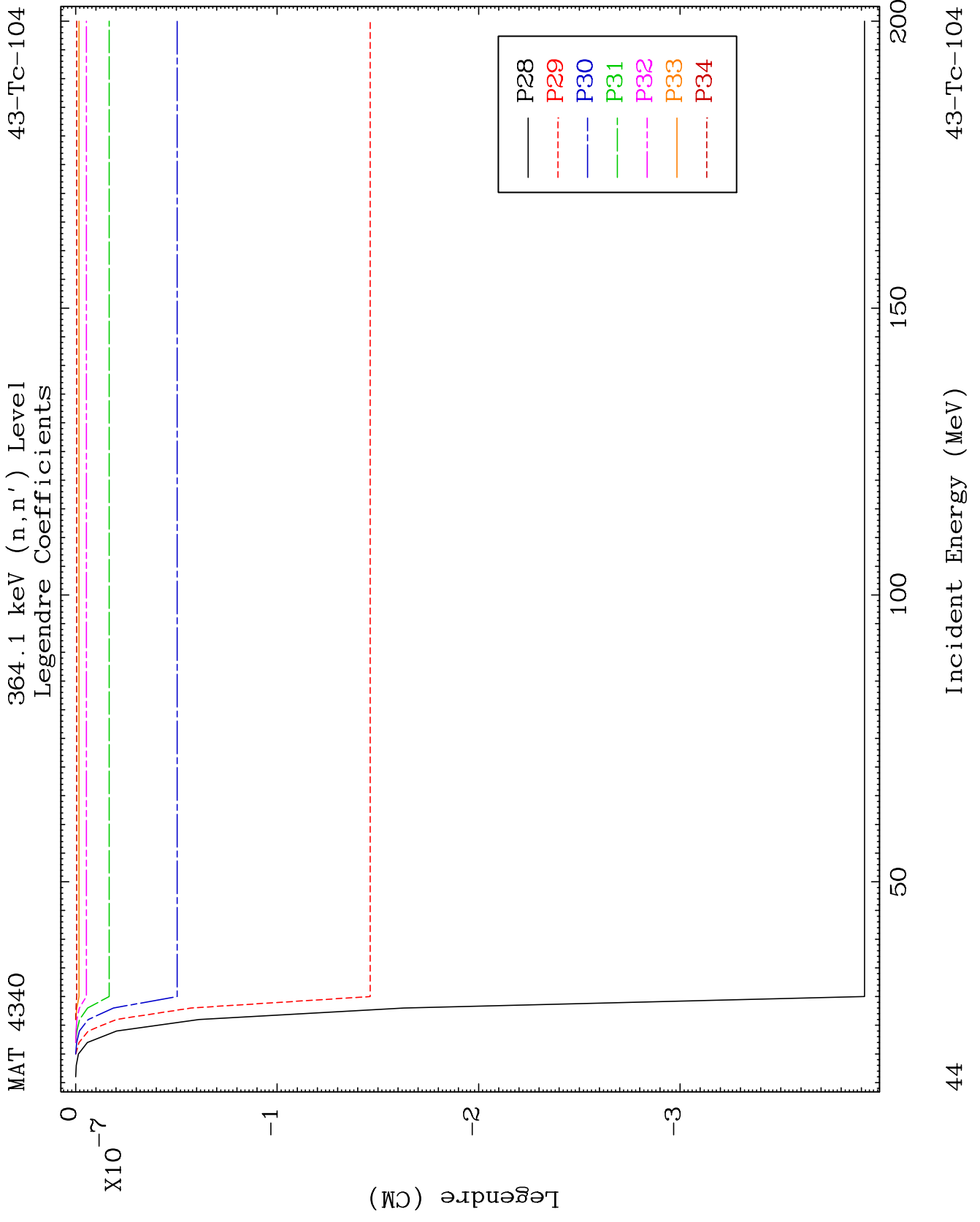


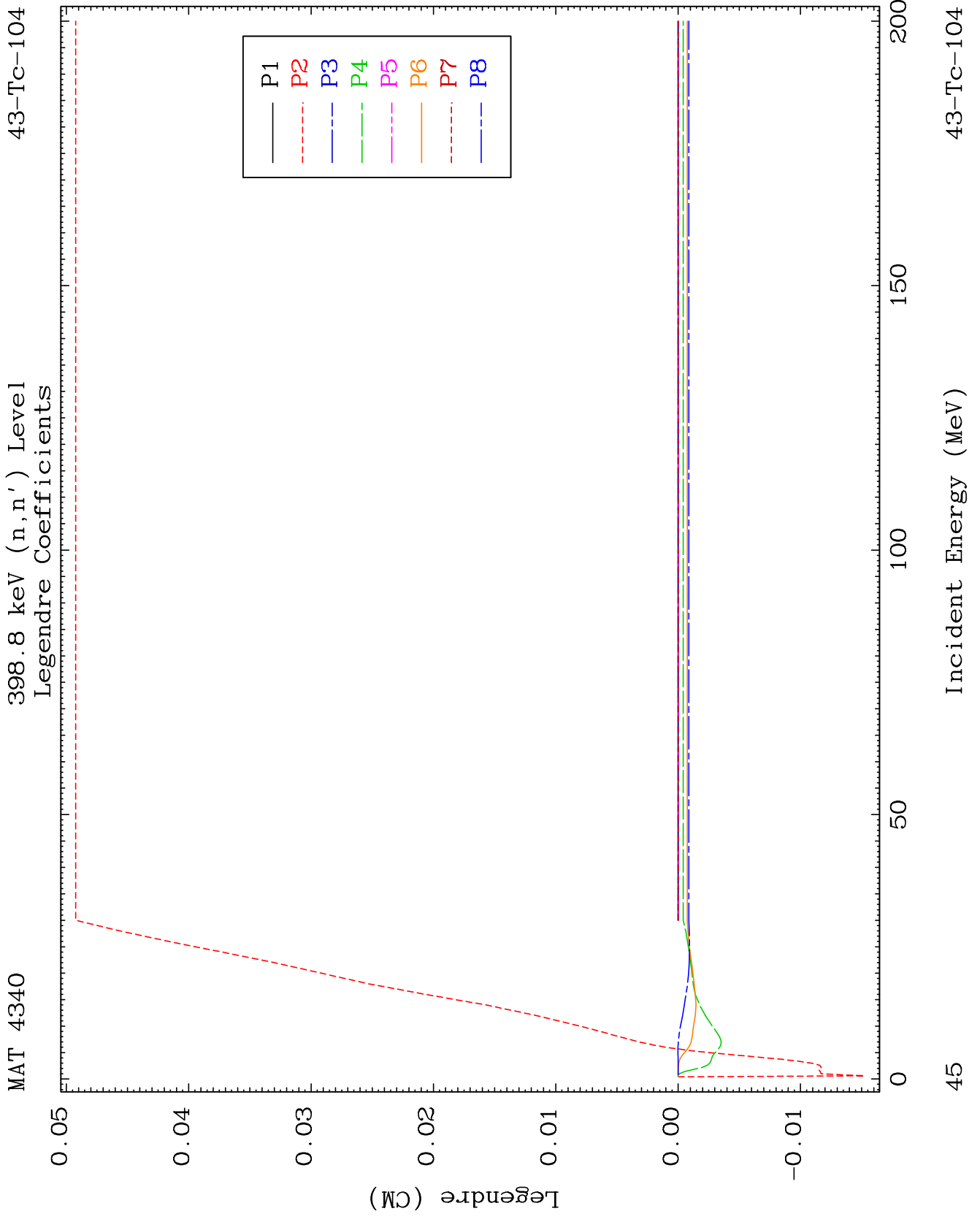


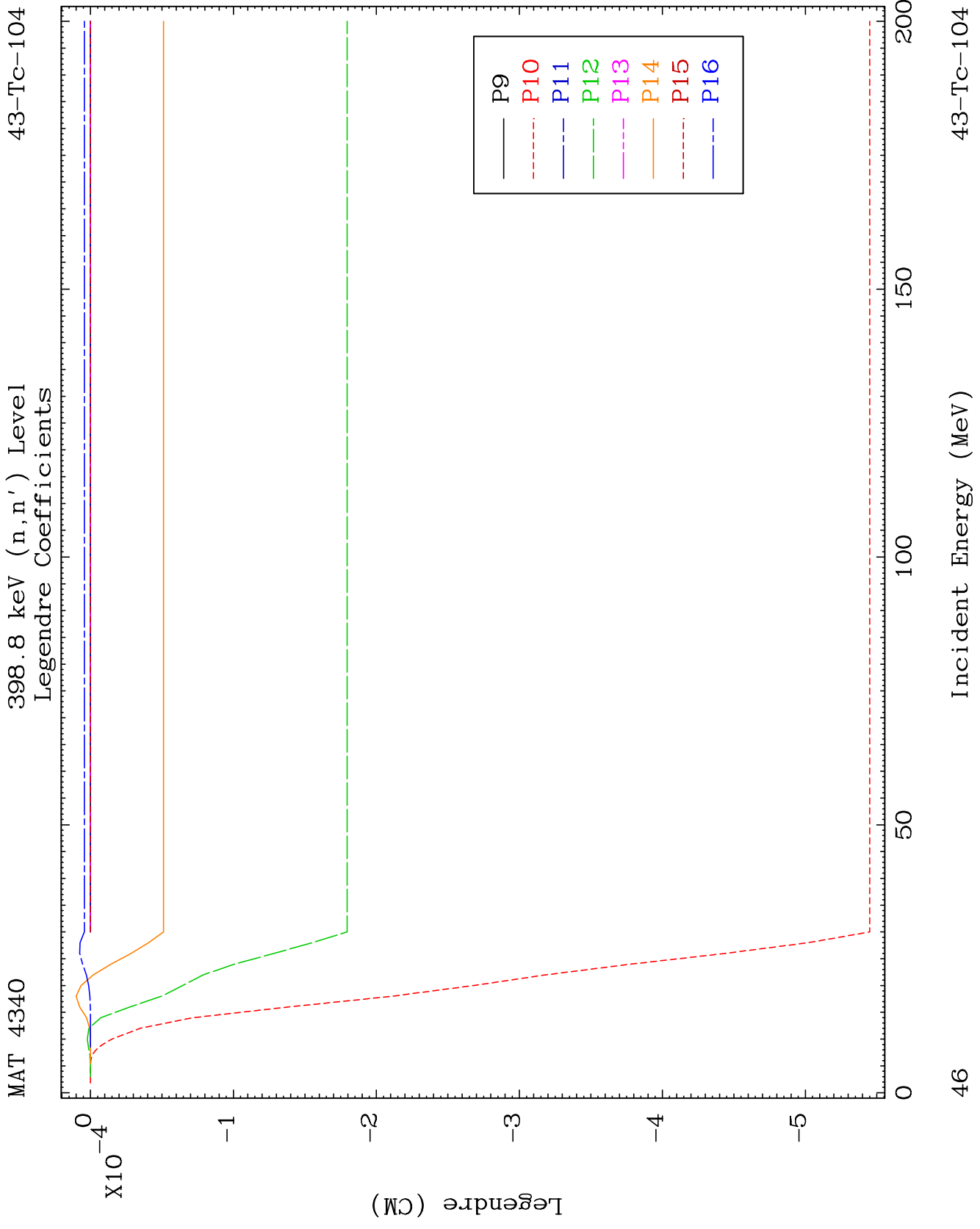


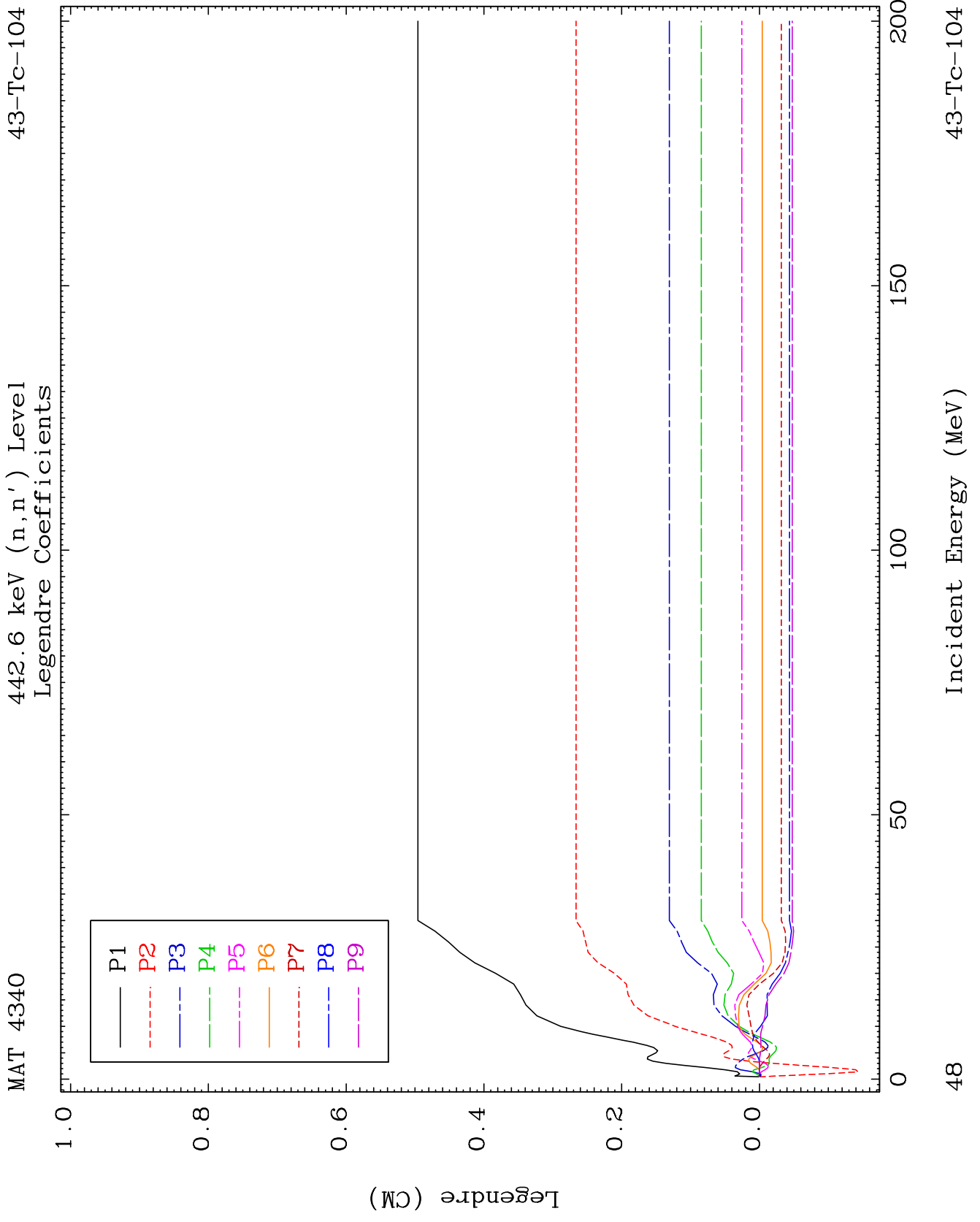








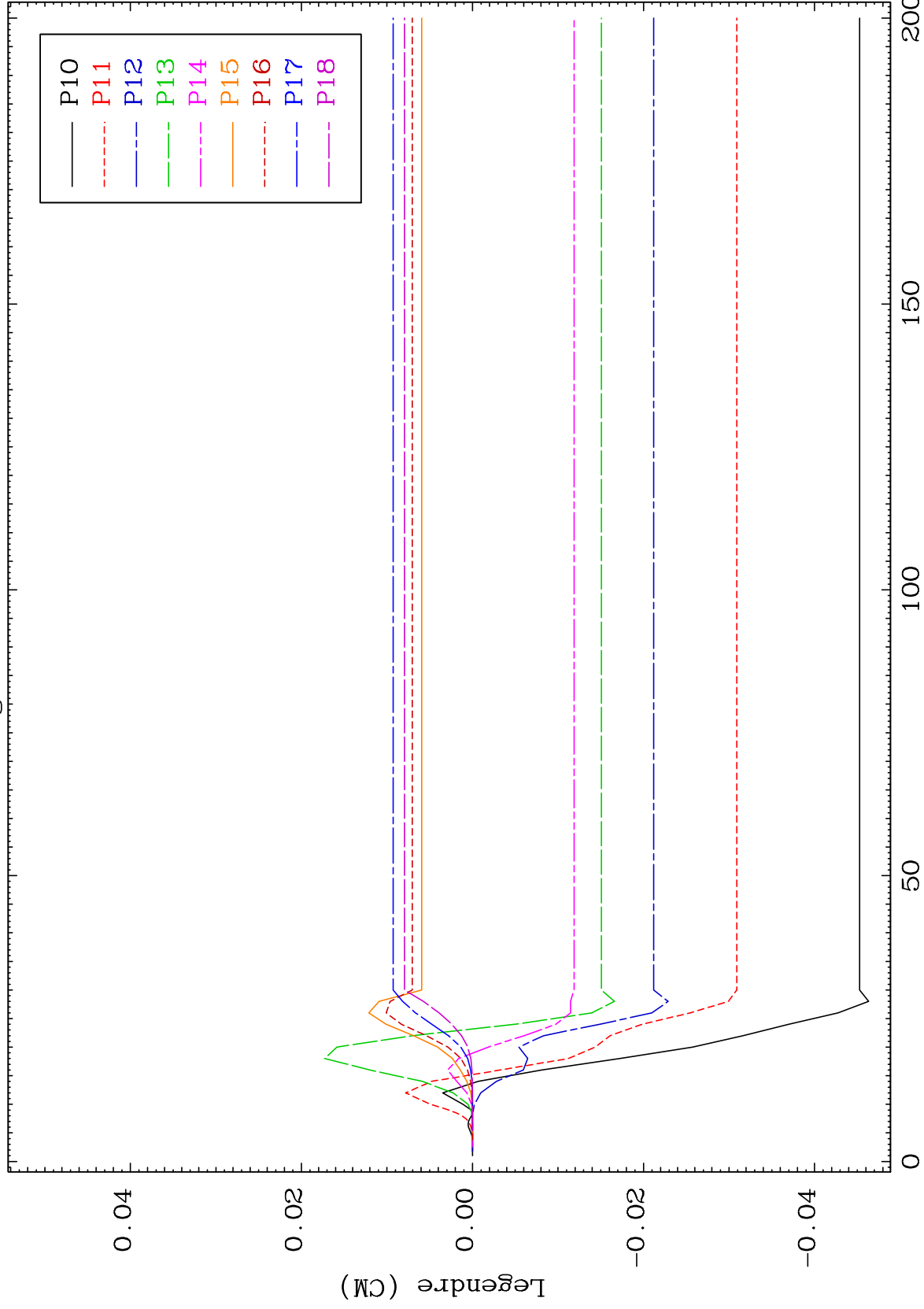




MAT 4340

442.6 keV (n,n') Level
Legendre Coefficients

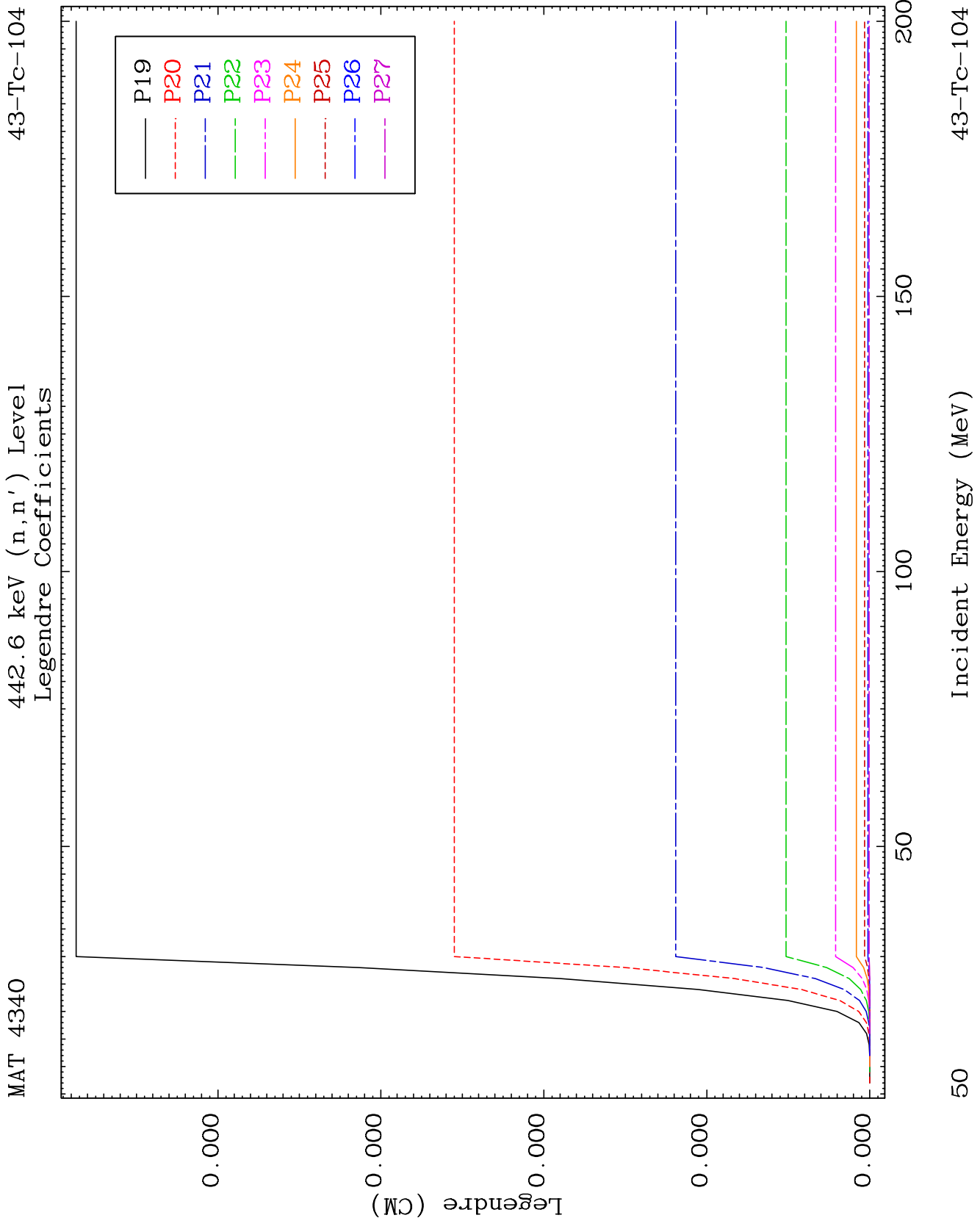
43-Tc-104

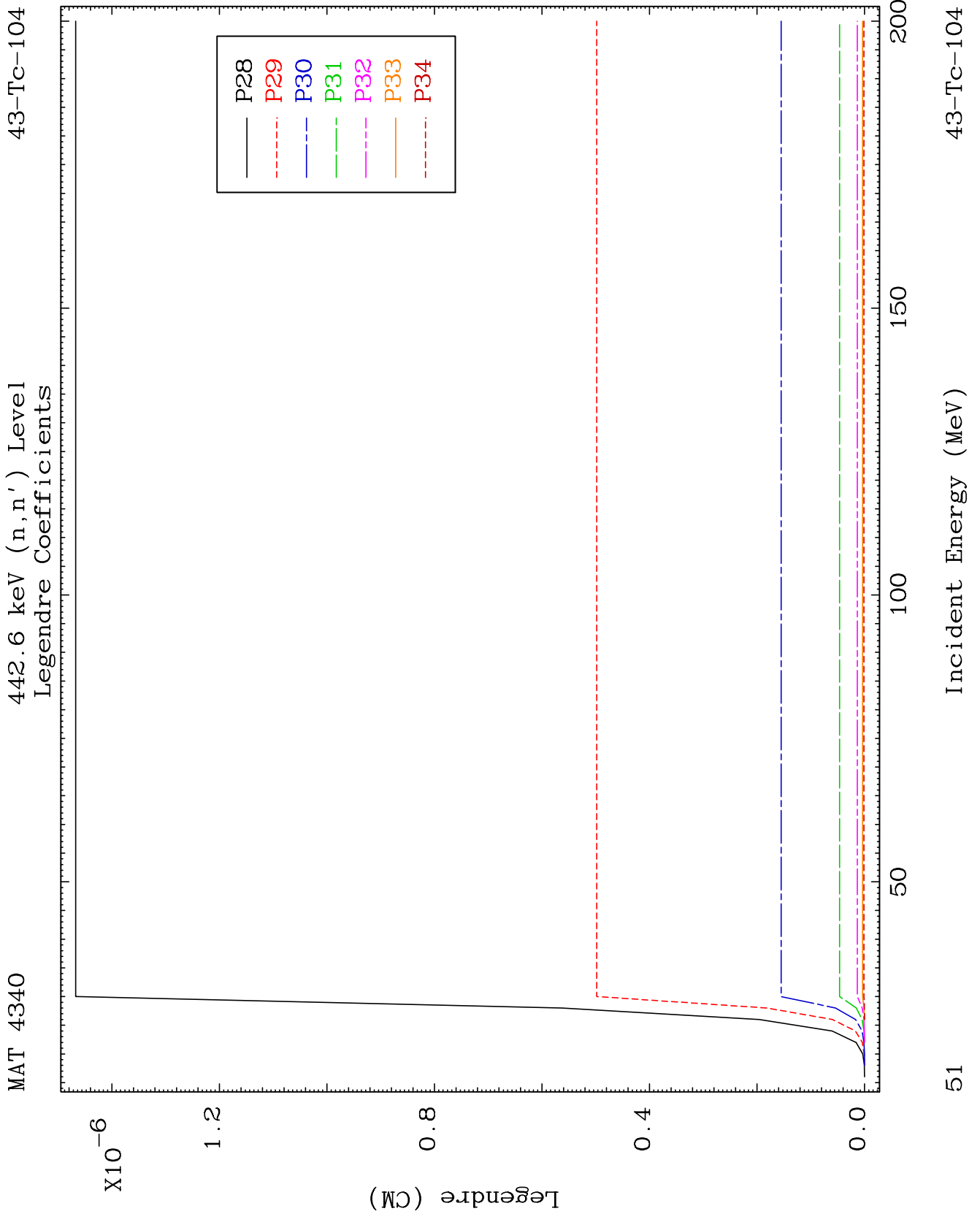


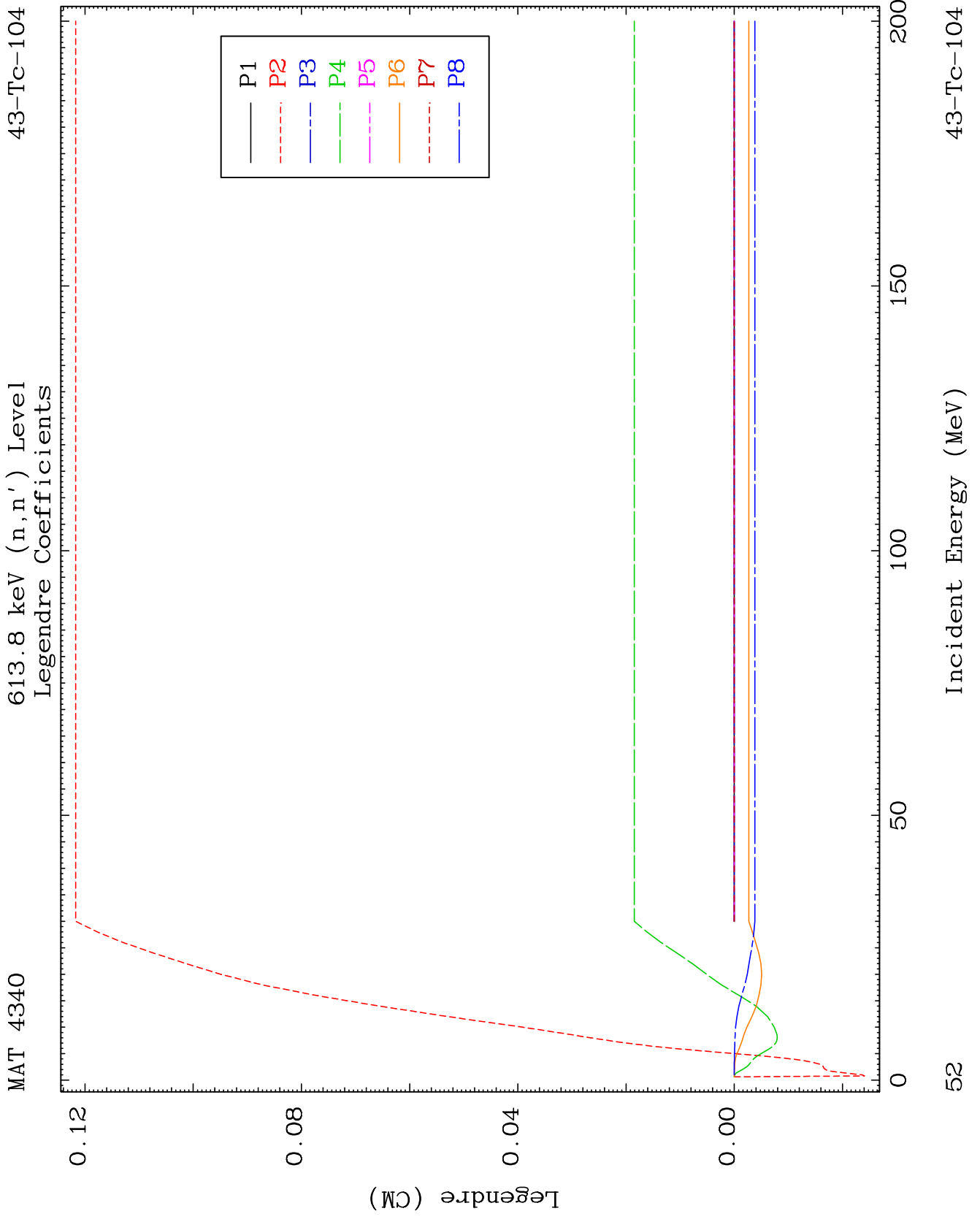
49

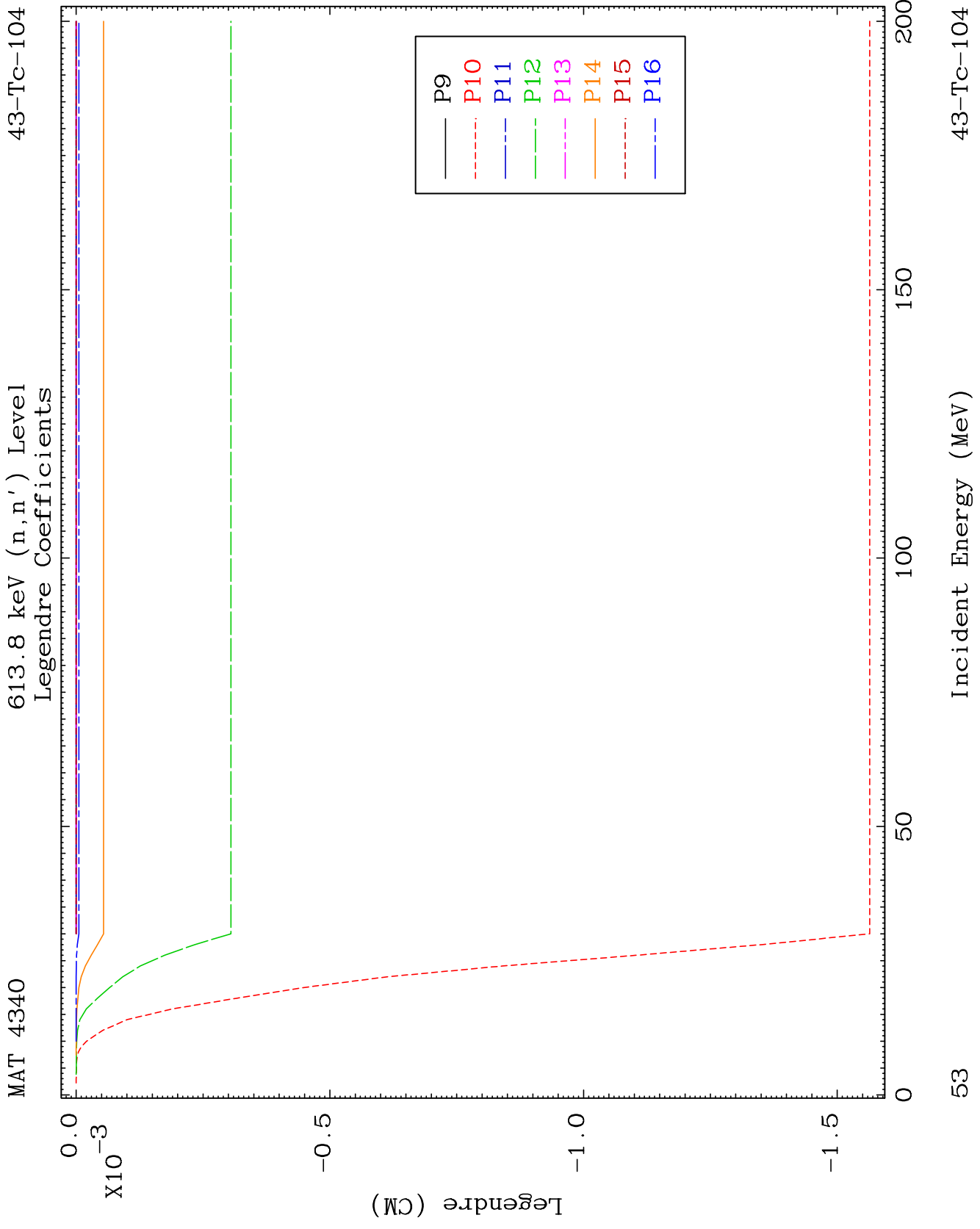
Incident Energy (MeV)

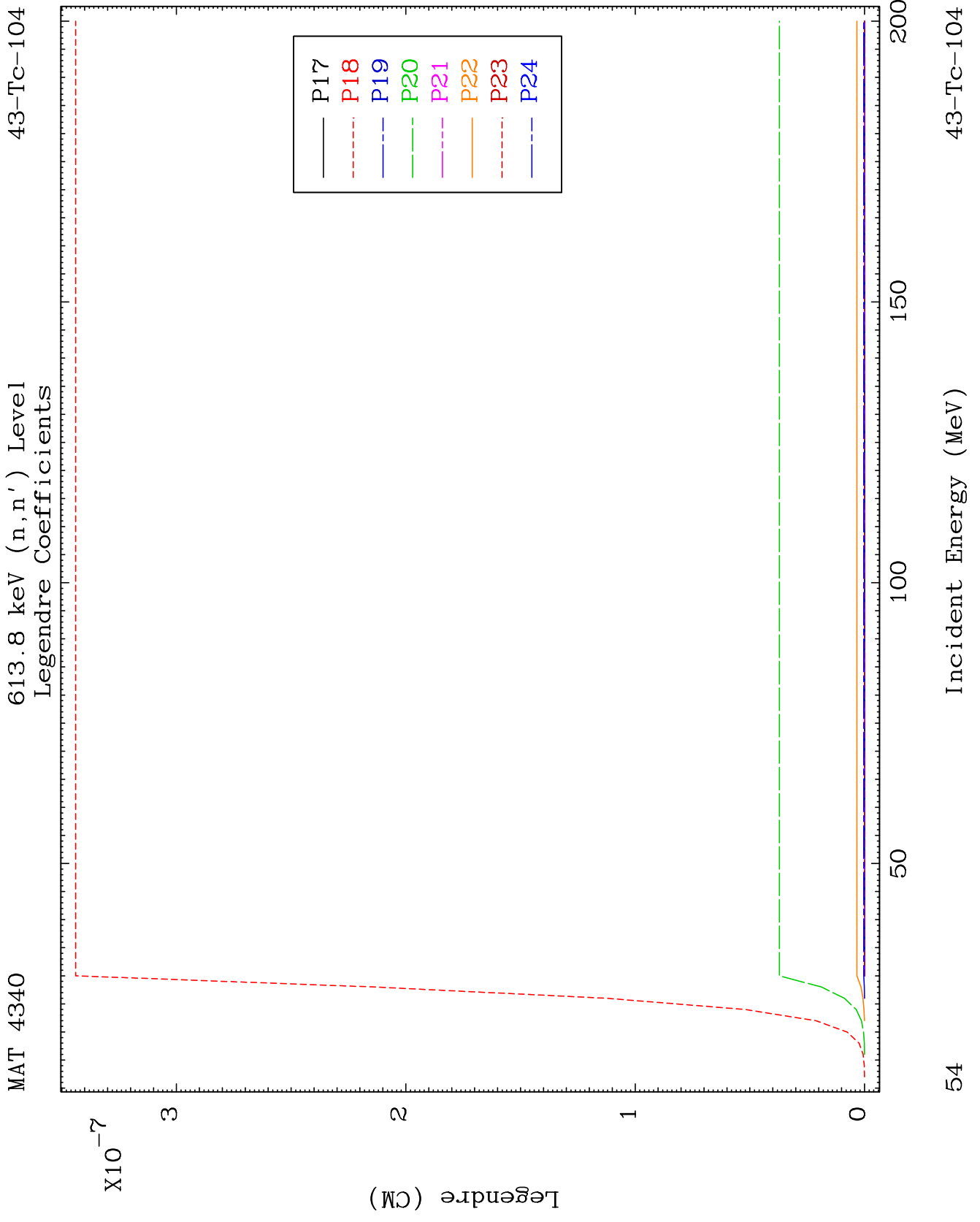
43-Tc-104

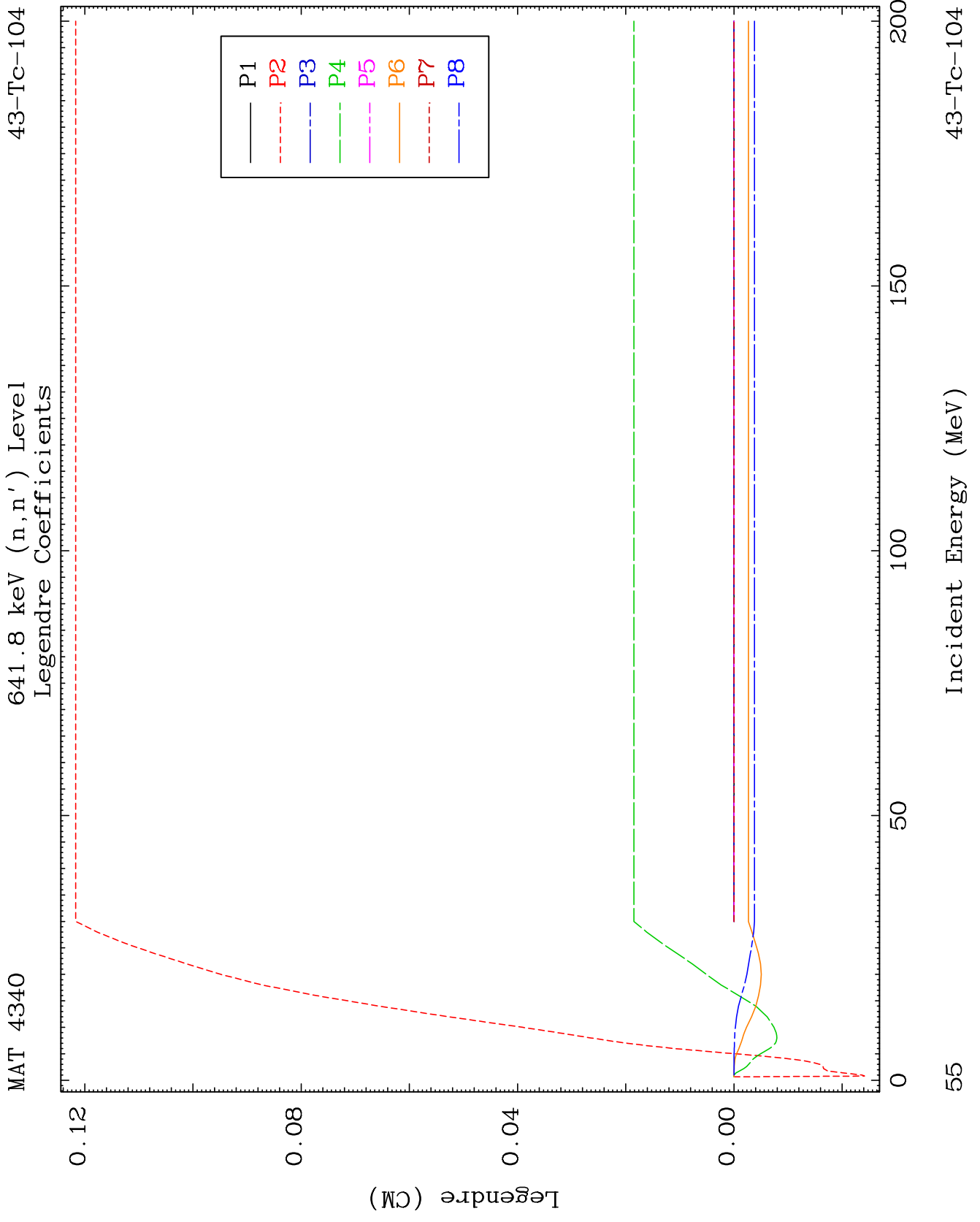


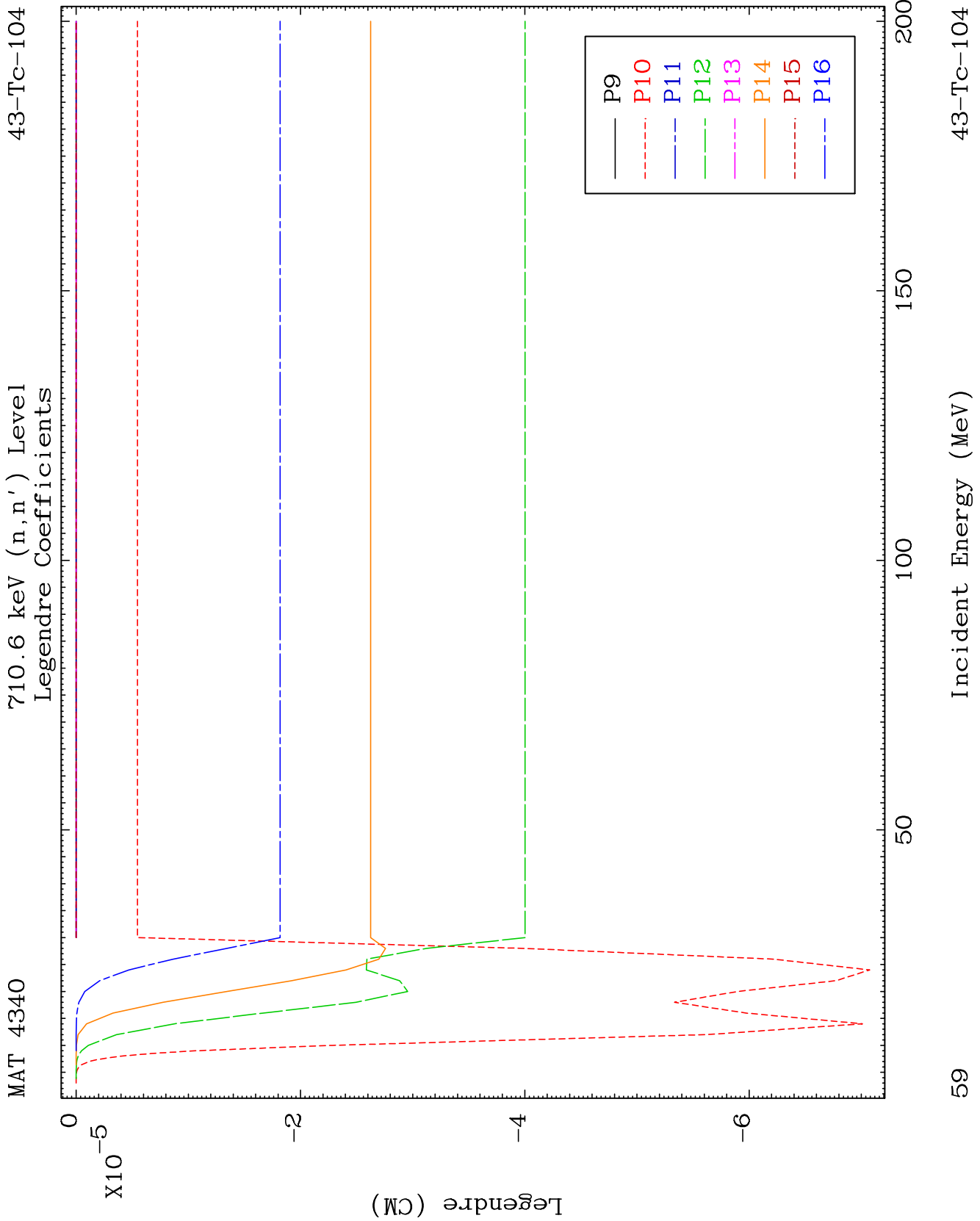


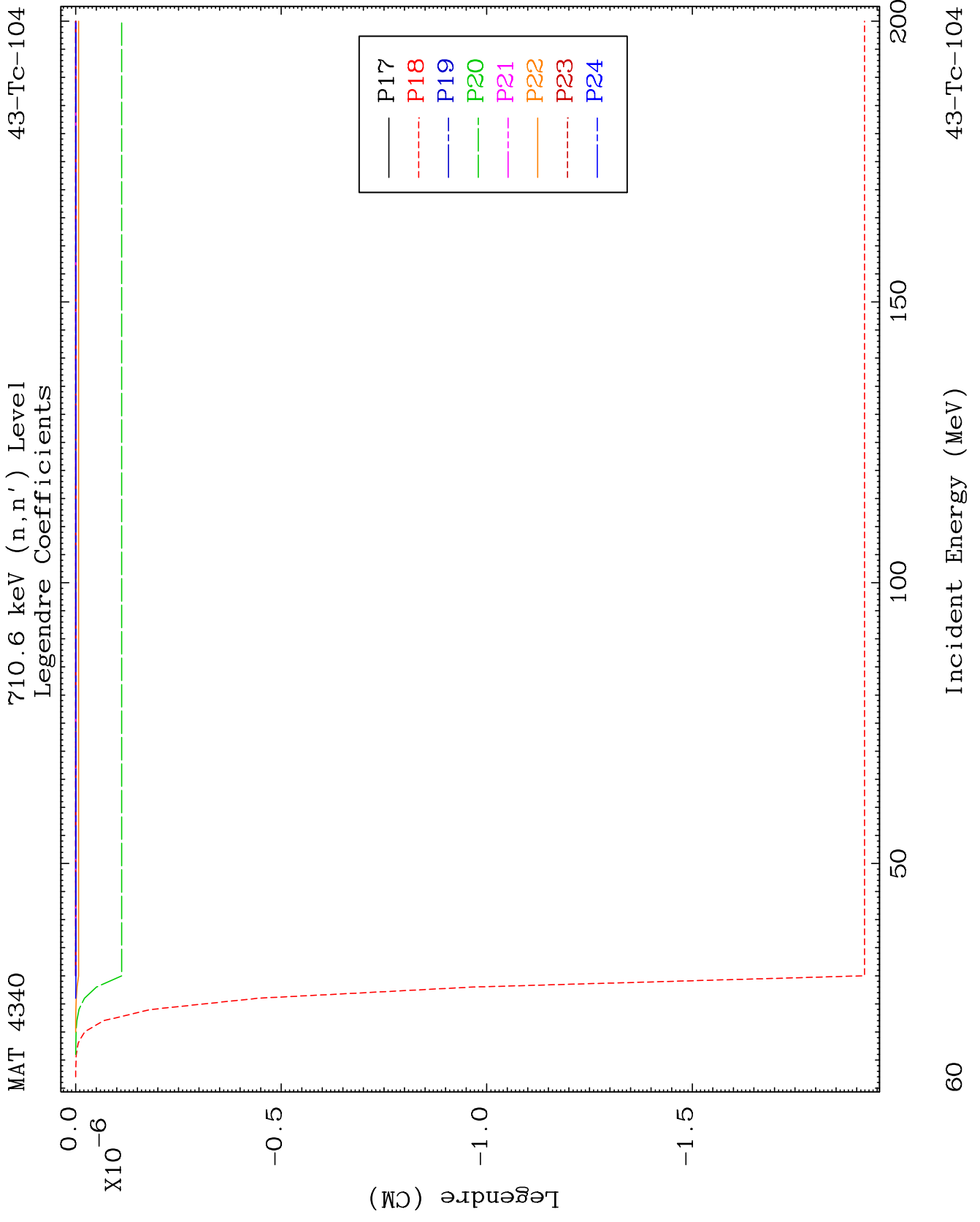


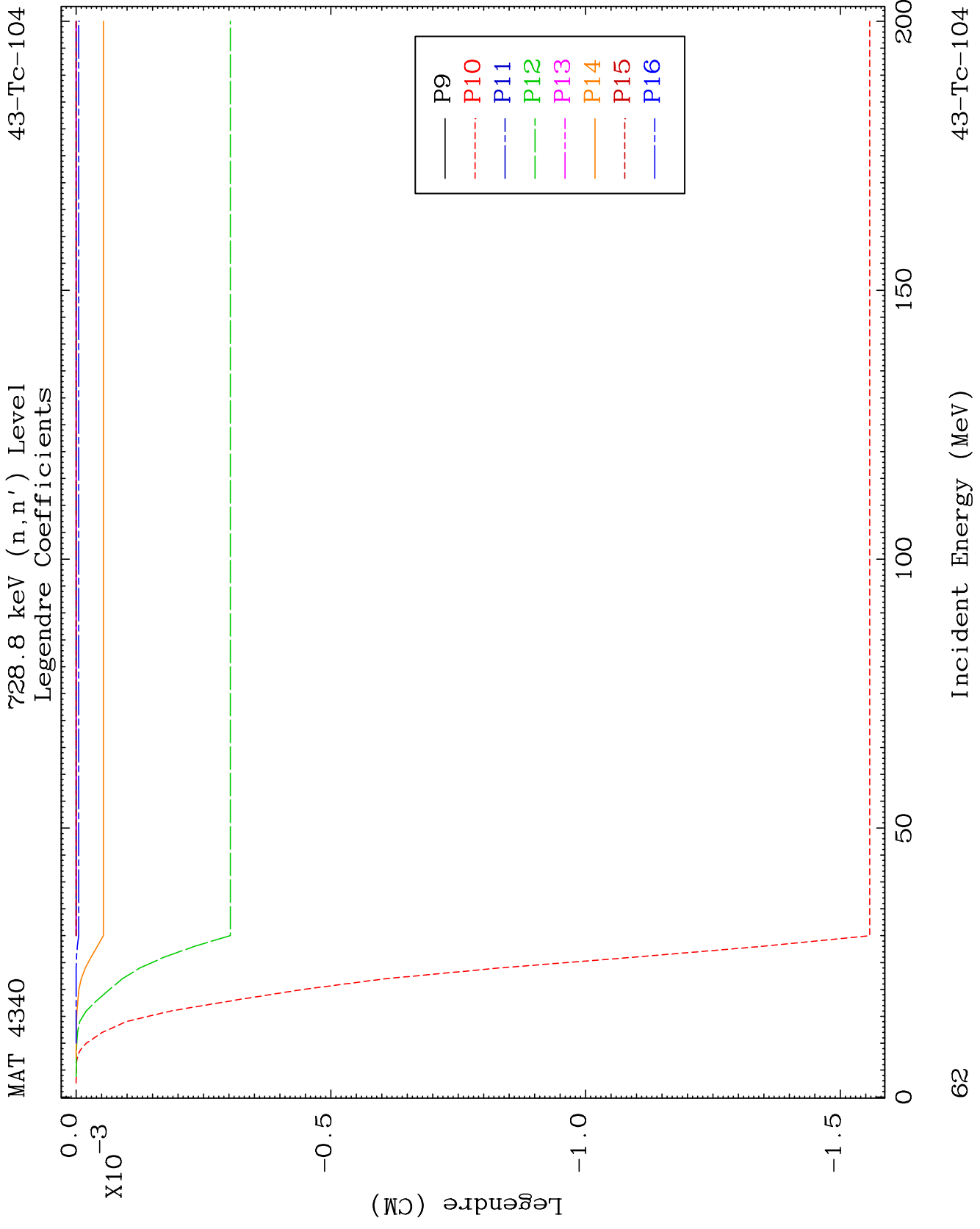


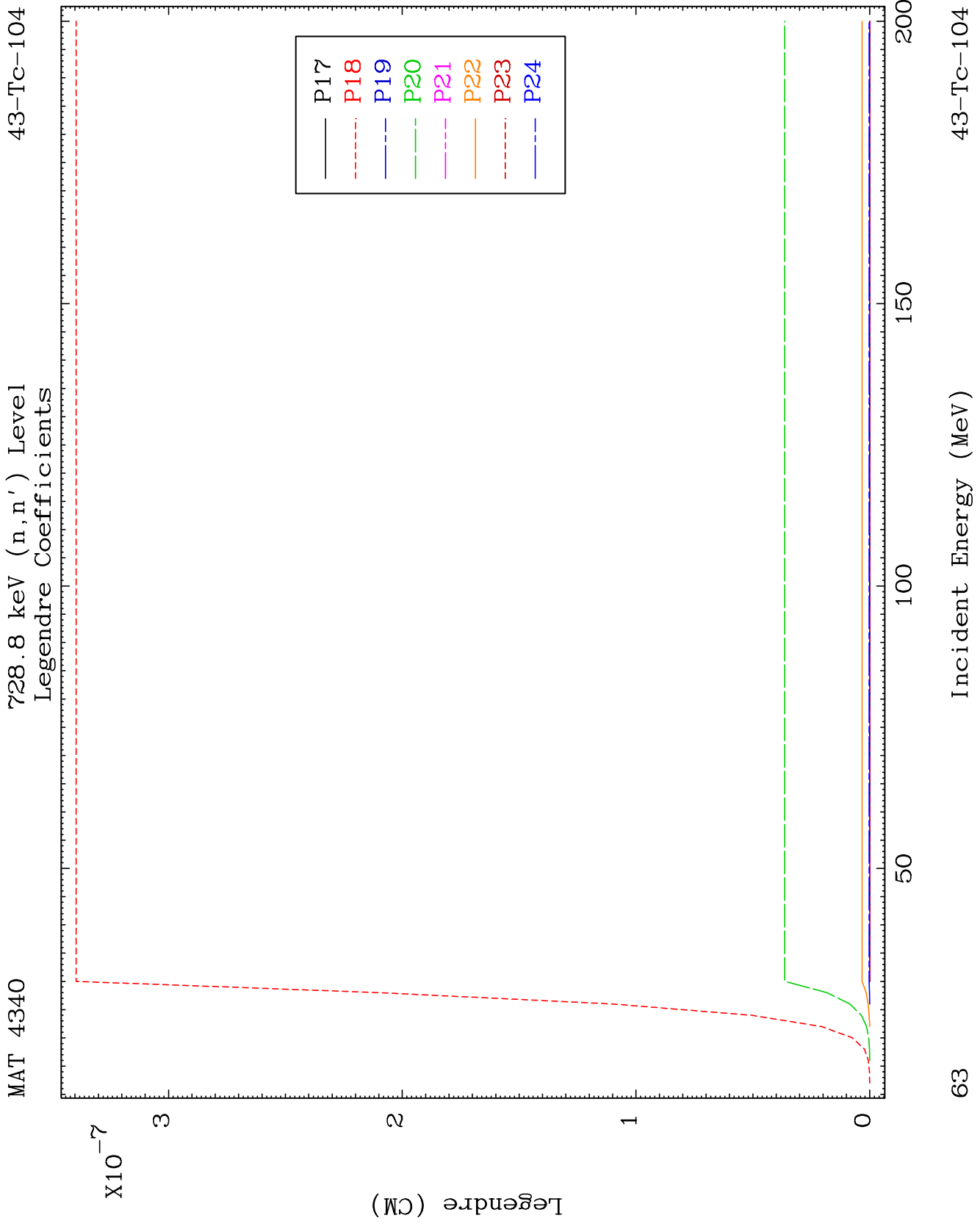








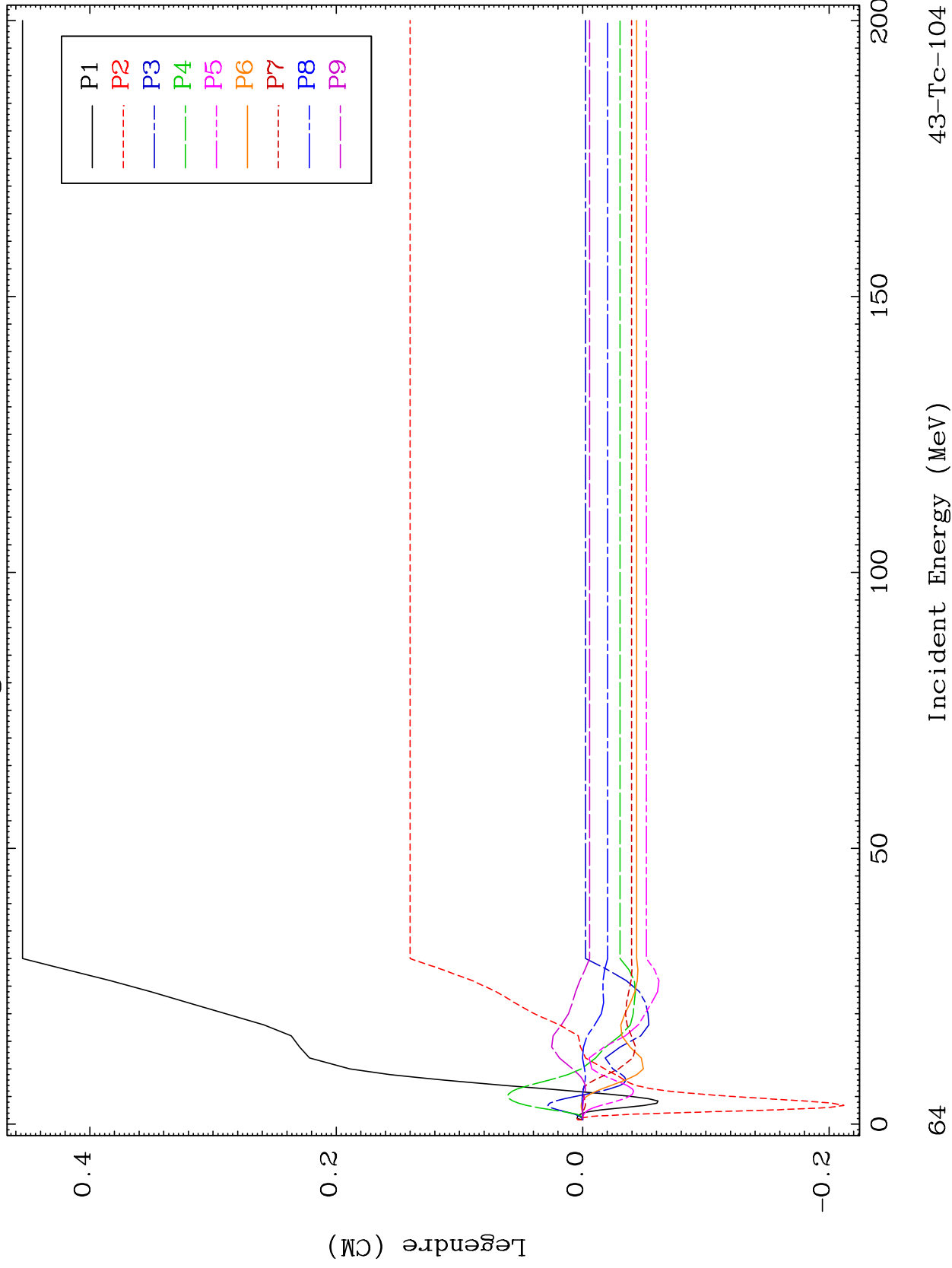




MAT 4340

765.1 keV (n,n') Level
Legendre Coefficients

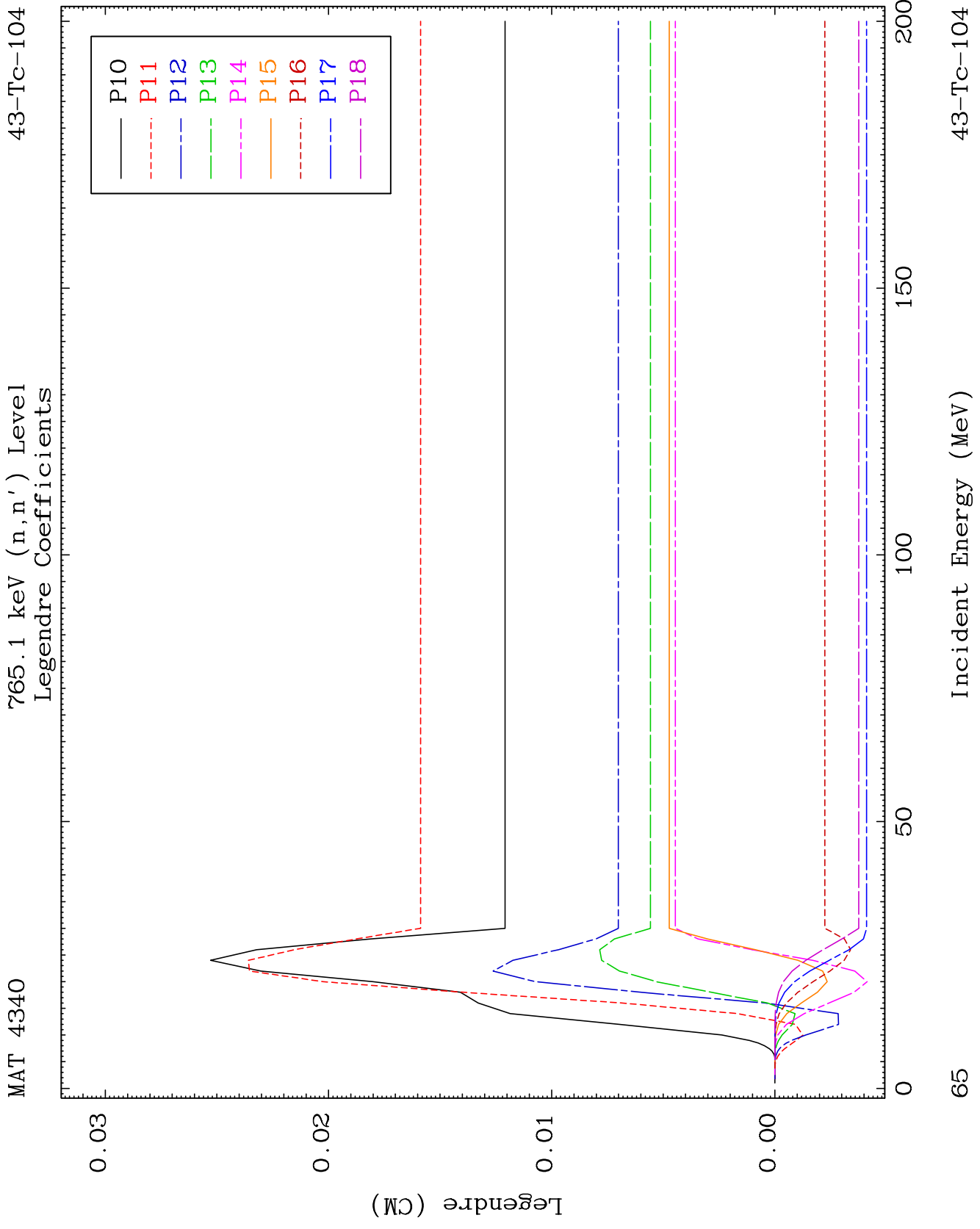
43-Tc-104

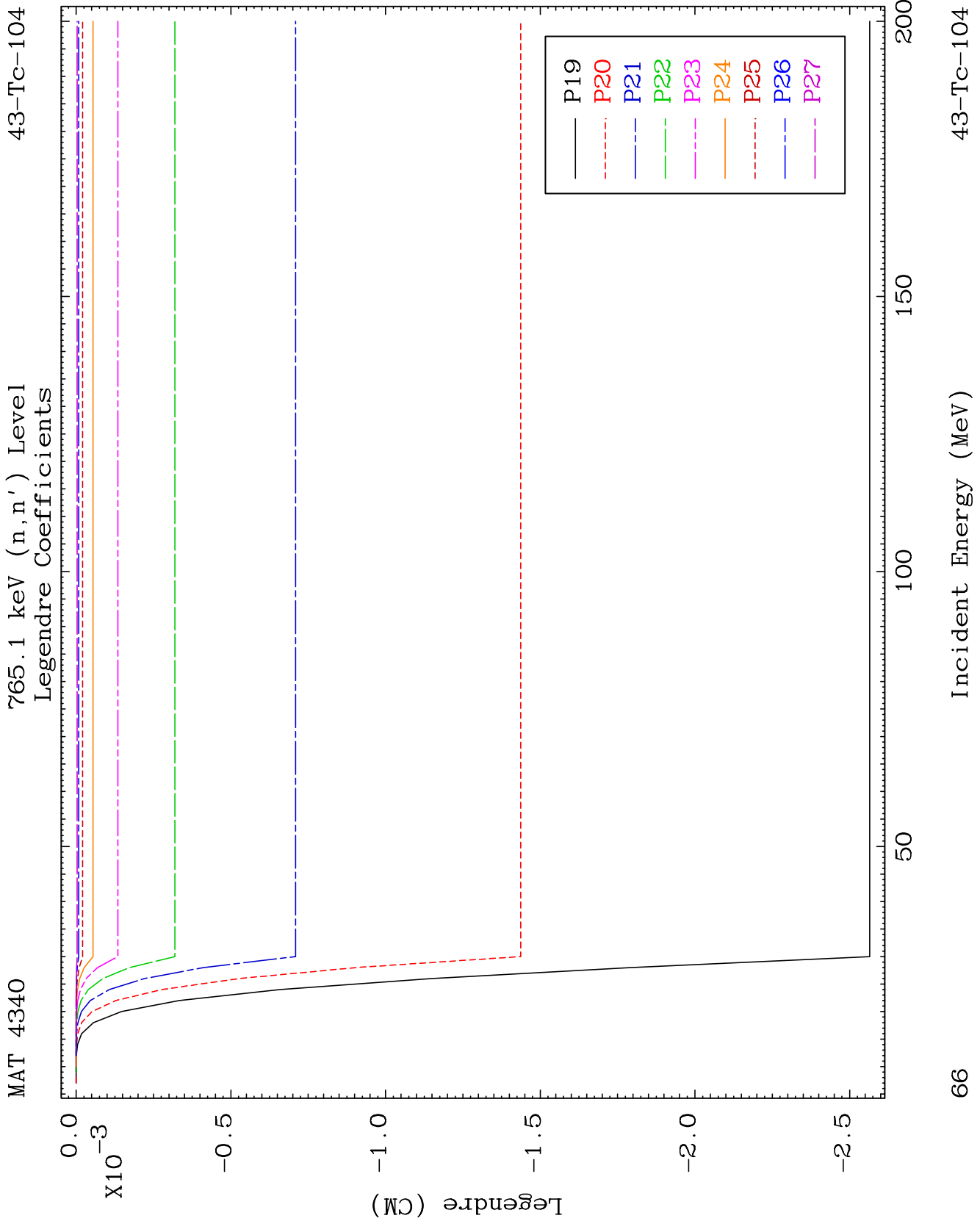


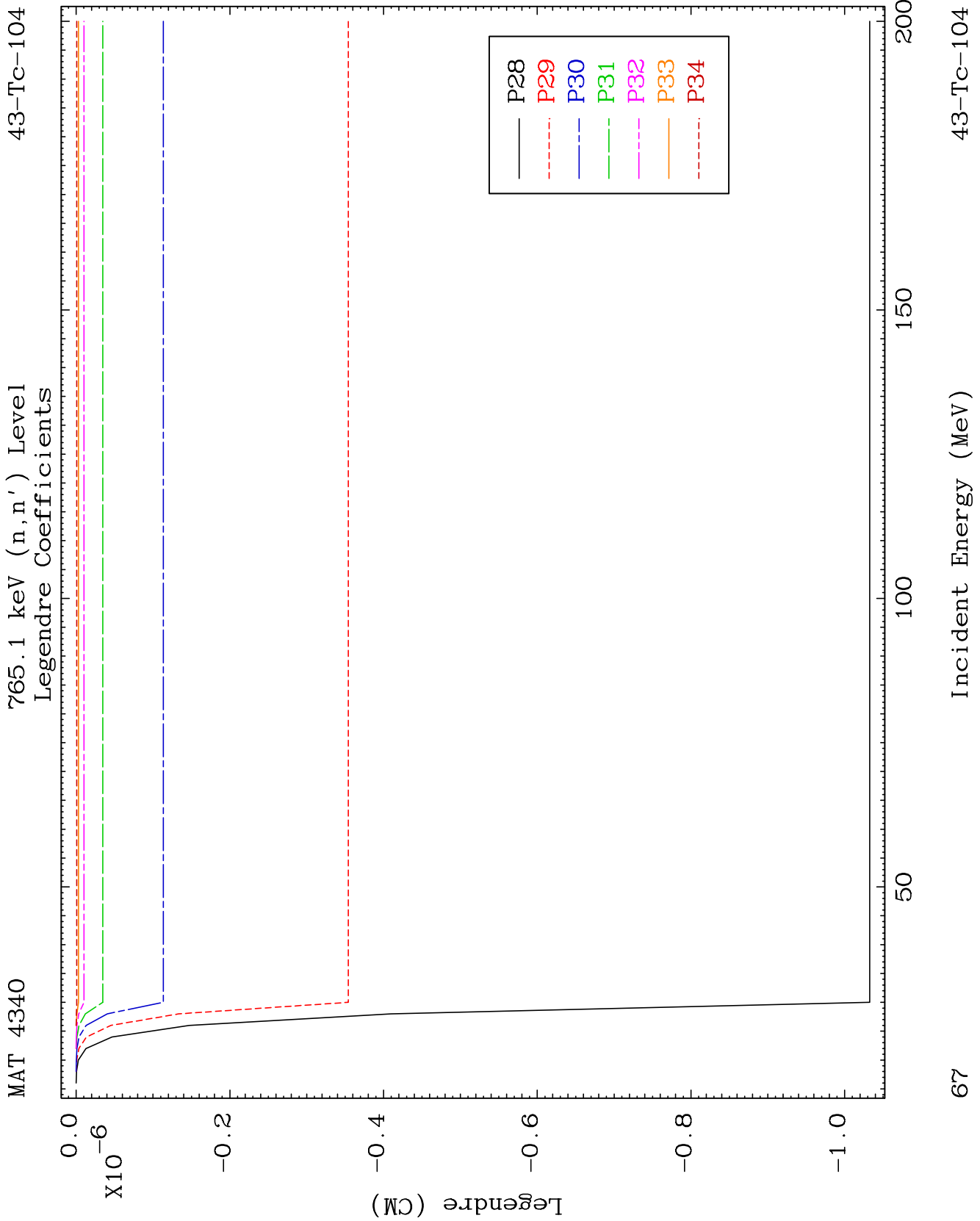
64

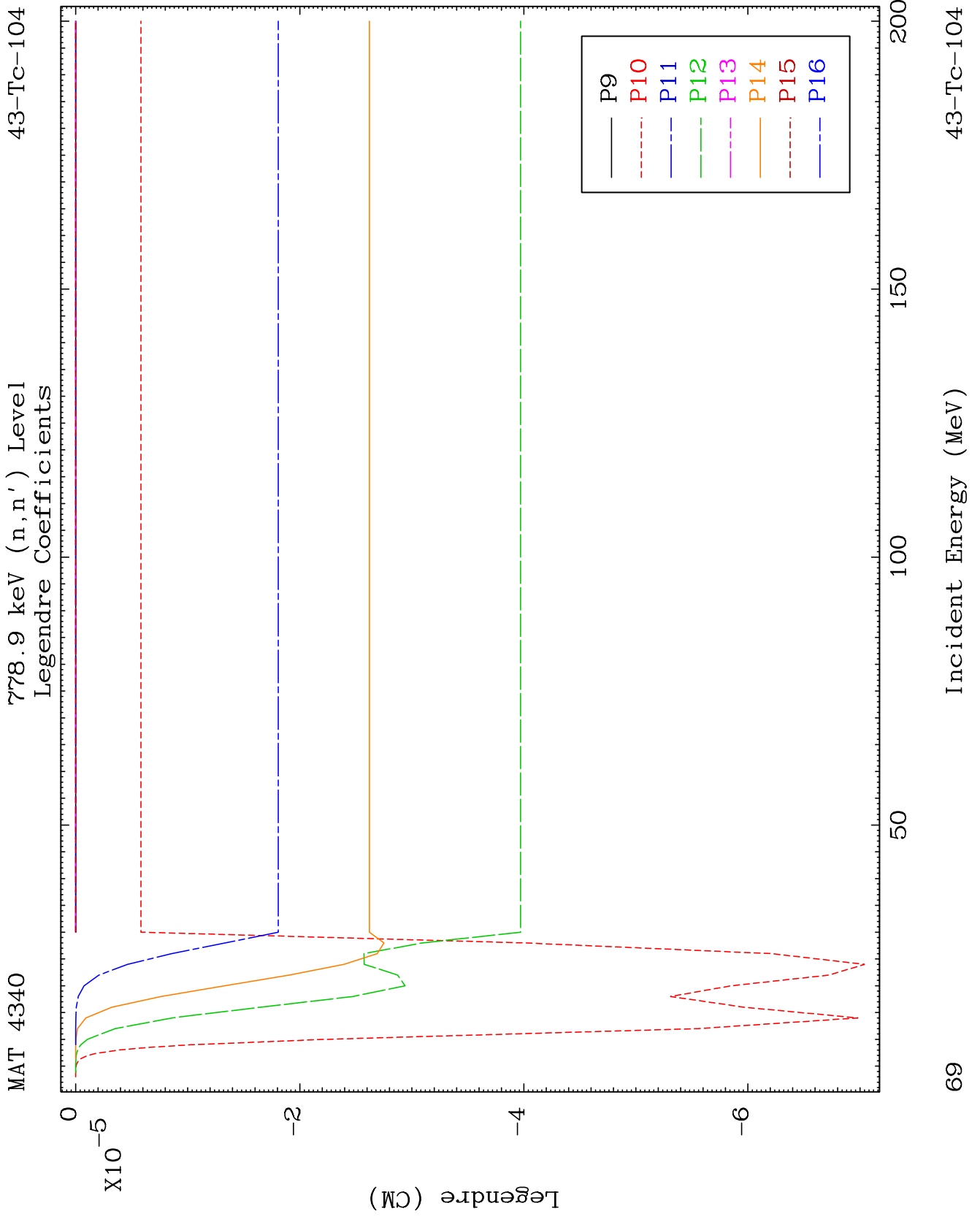
Incident Energy (MeV)

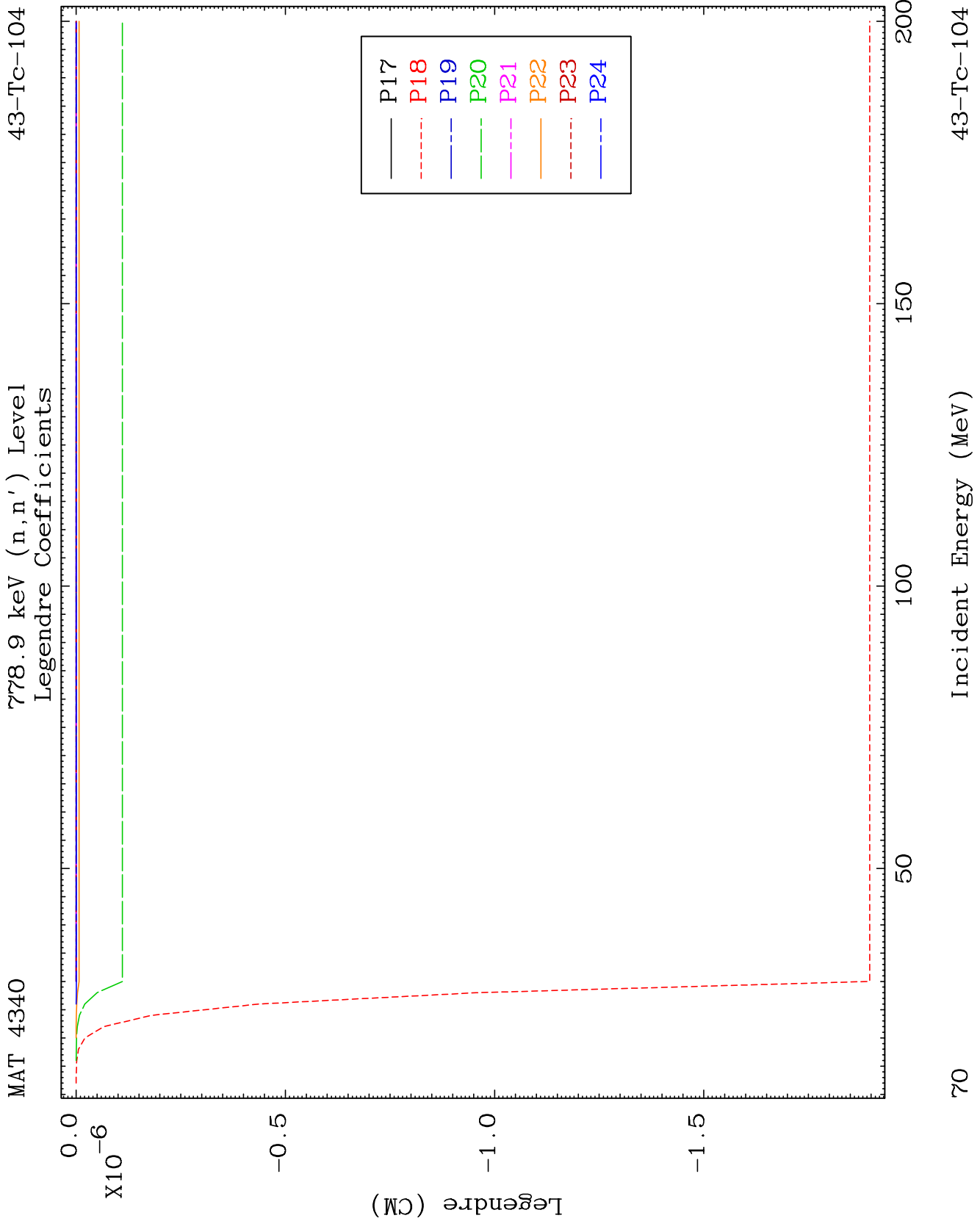
43-Tc-104

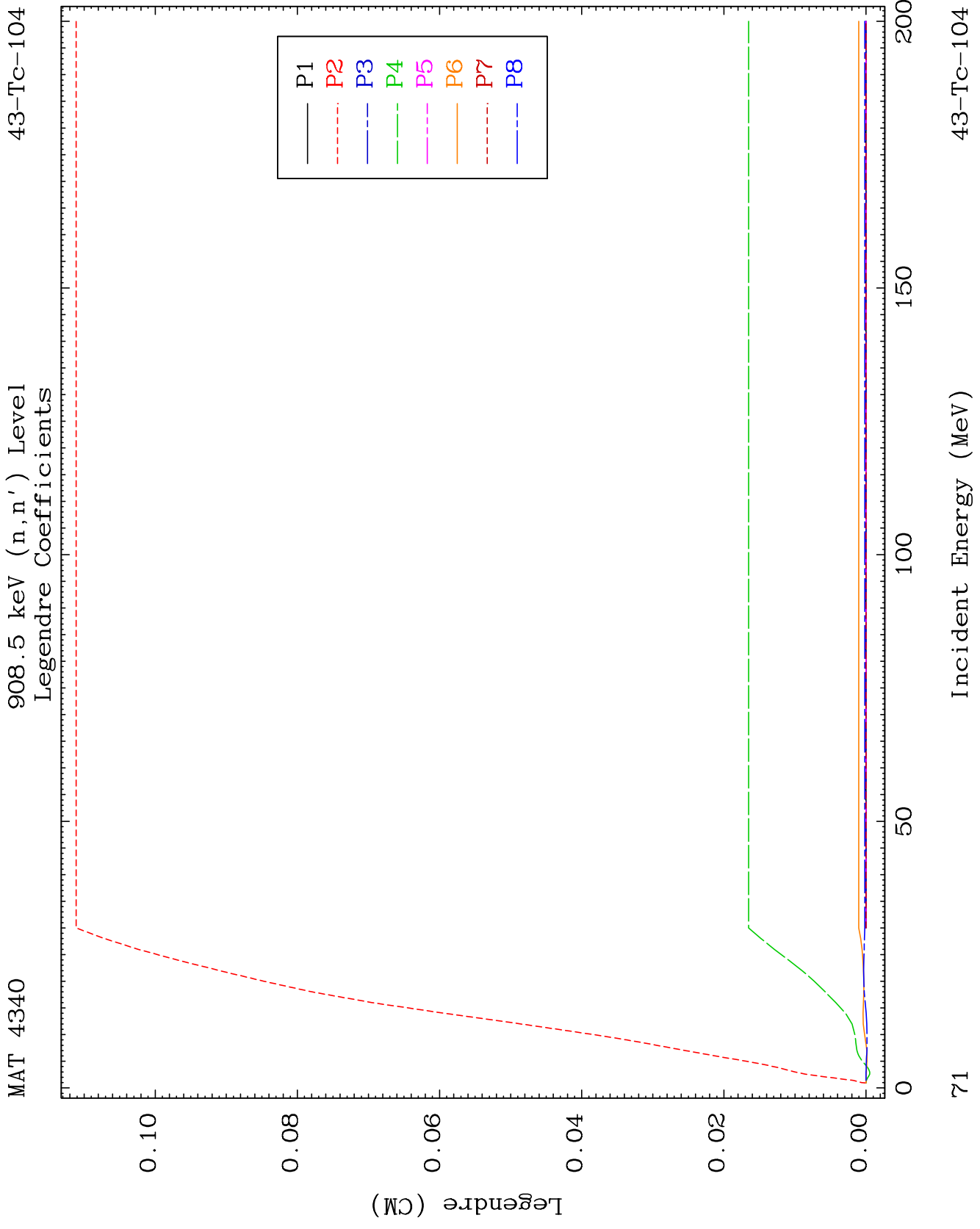


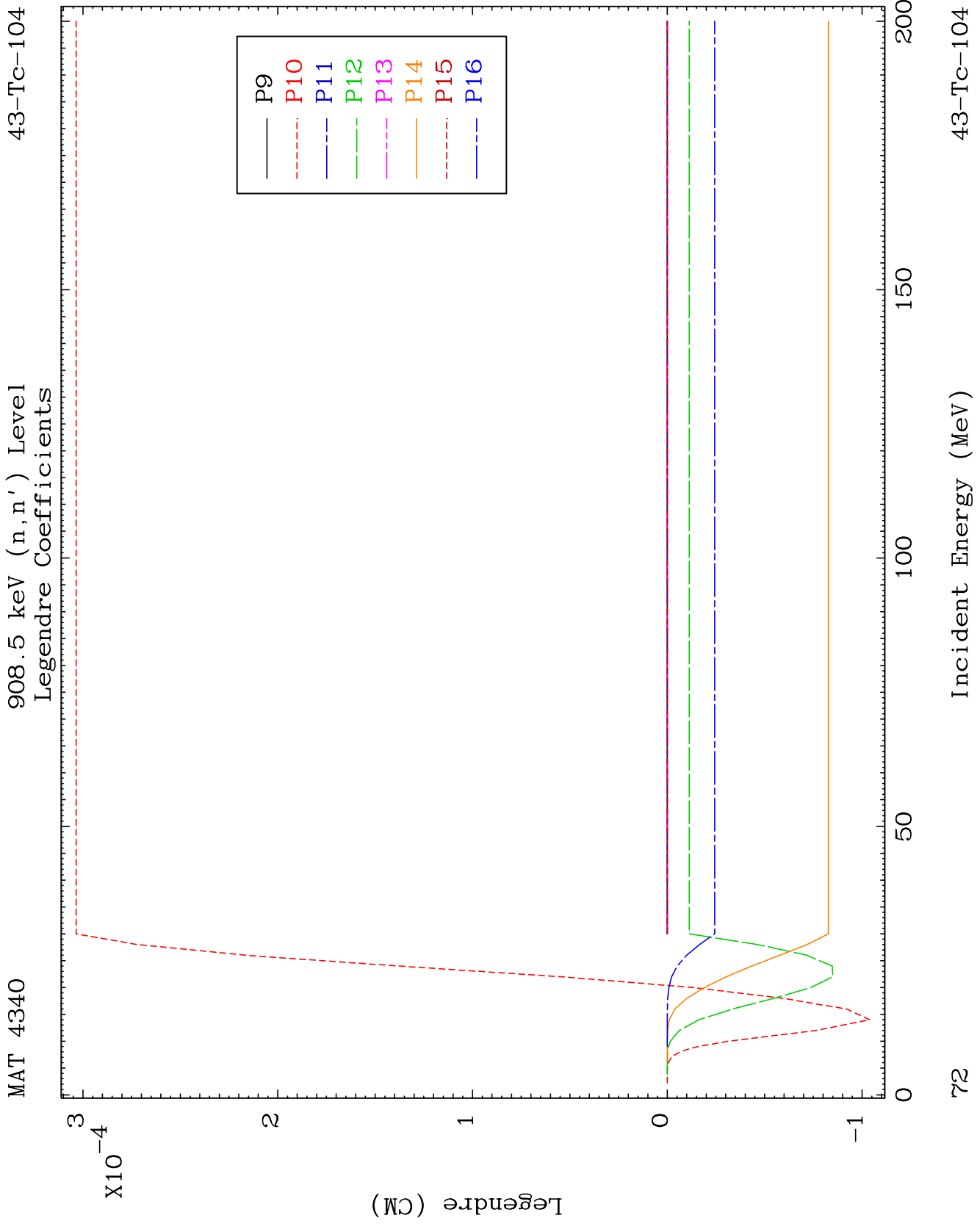








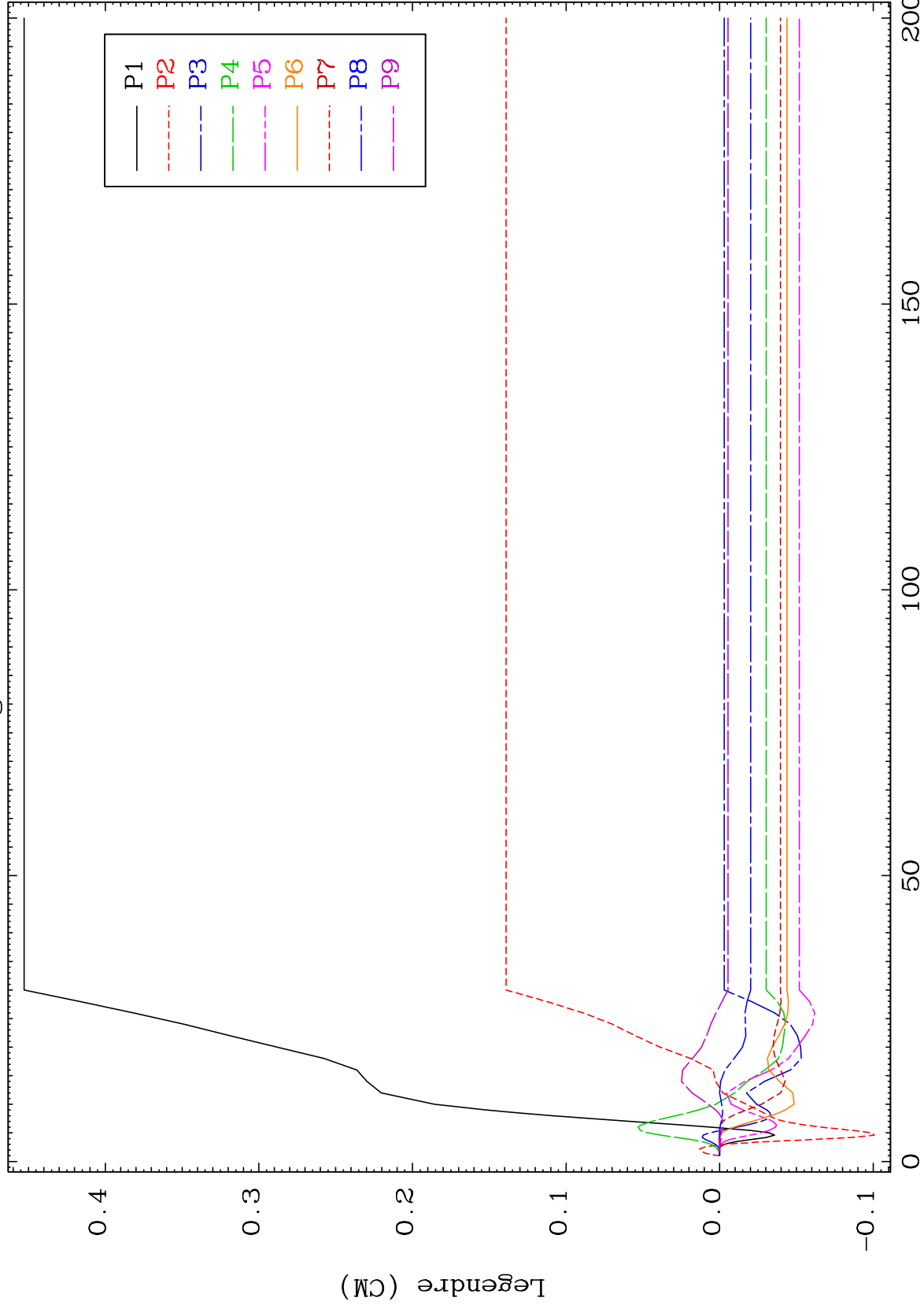




MAT 4340

989.3 keV (n,n') Level
Legendre Coefficients

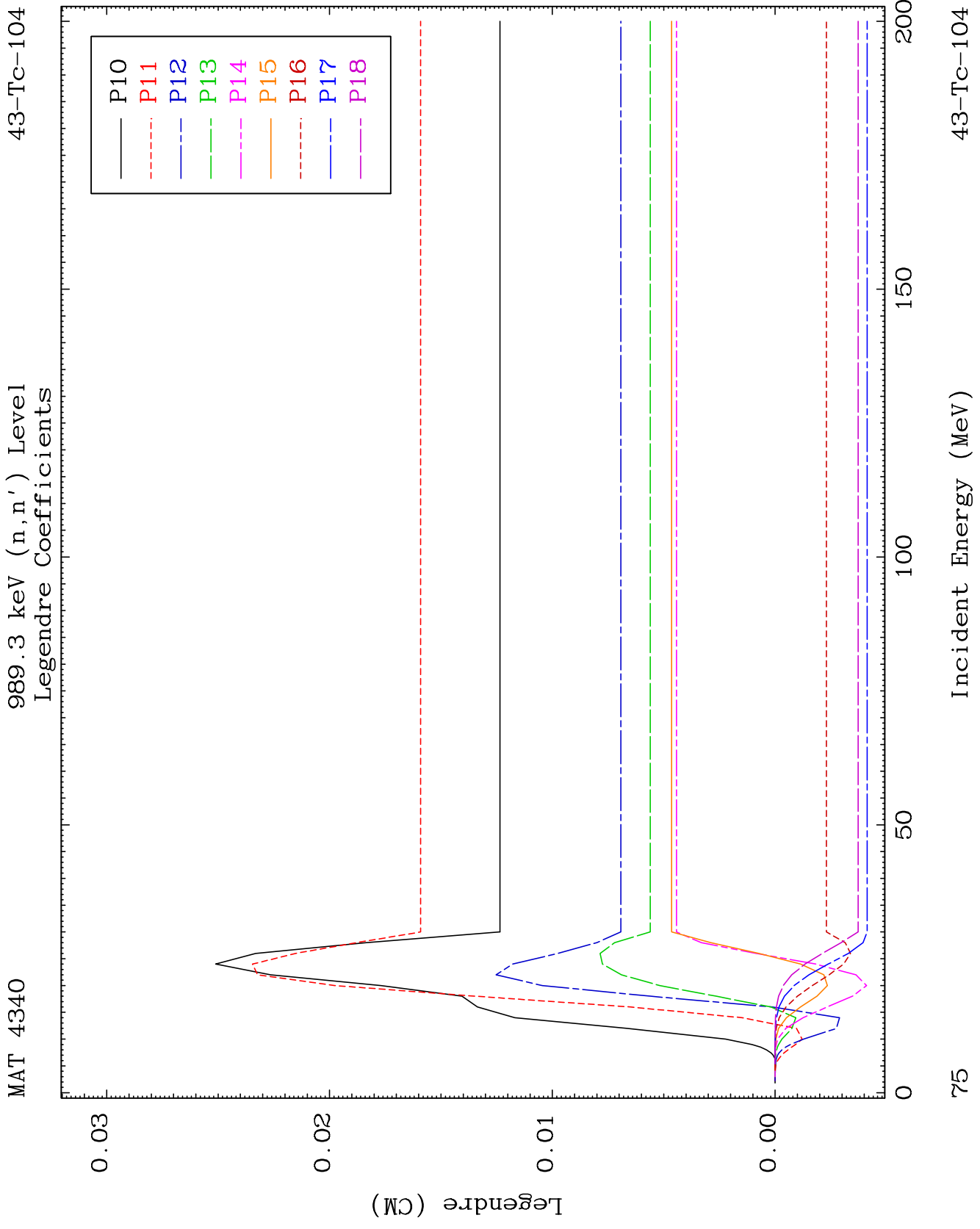
43-Tc-104

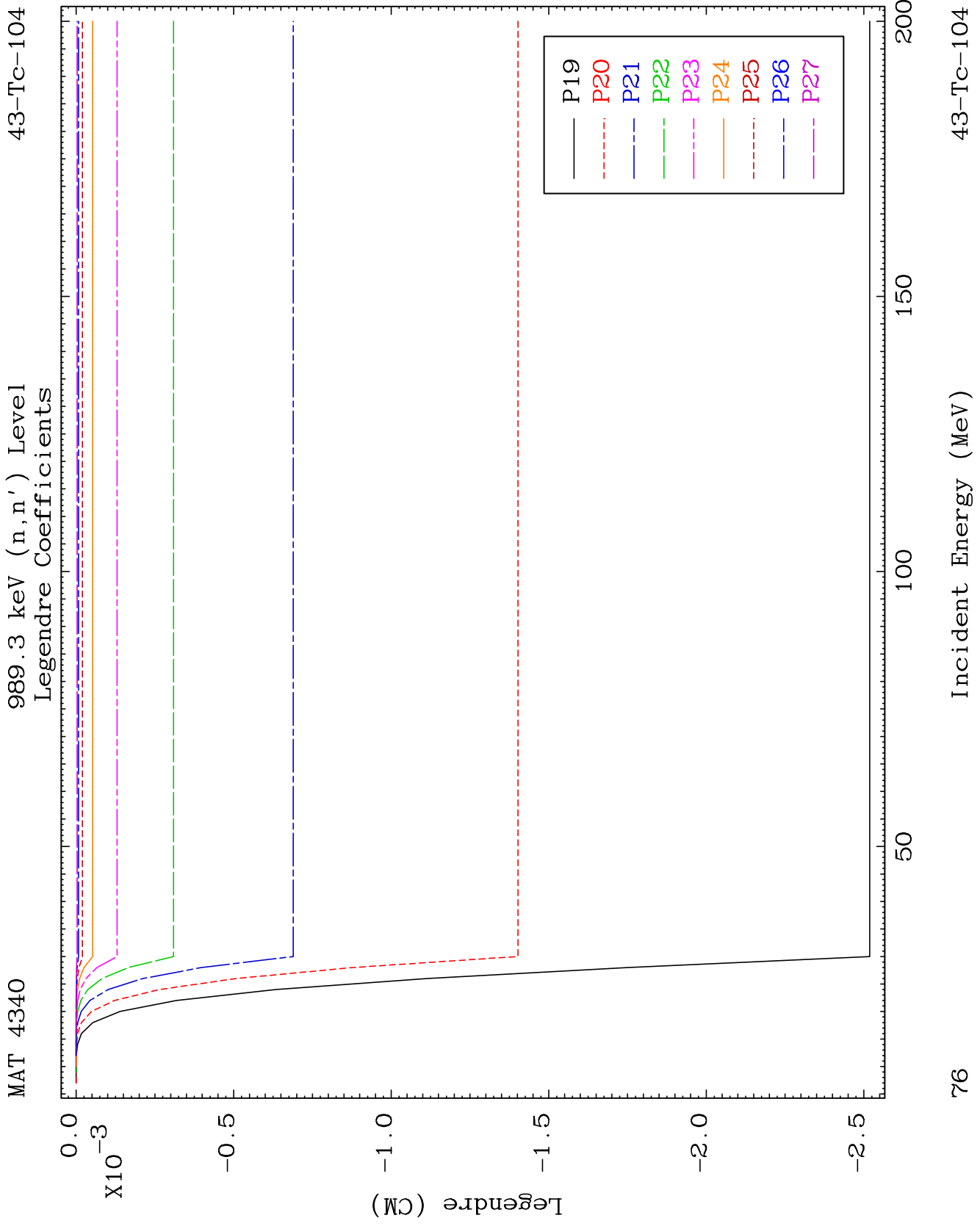


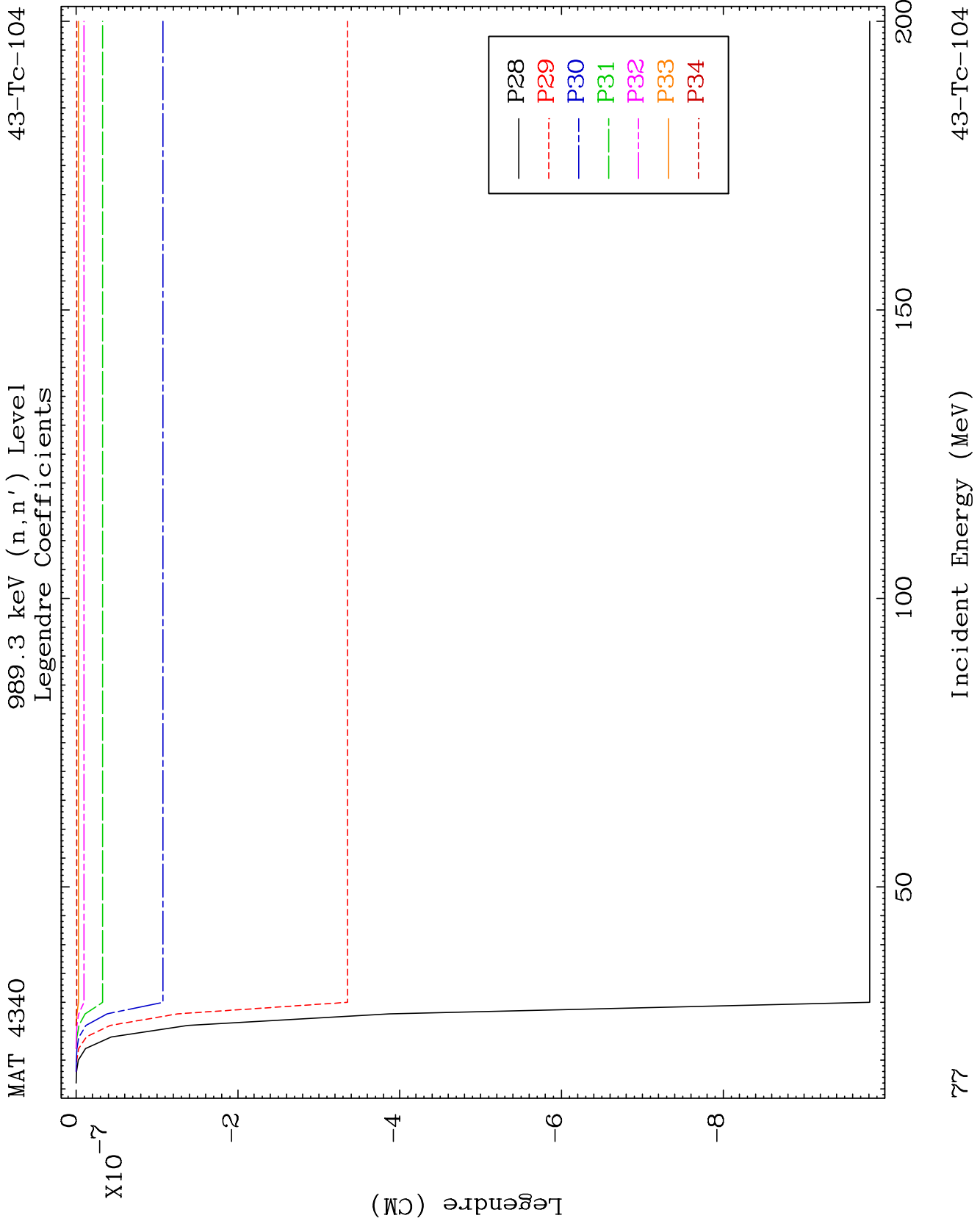
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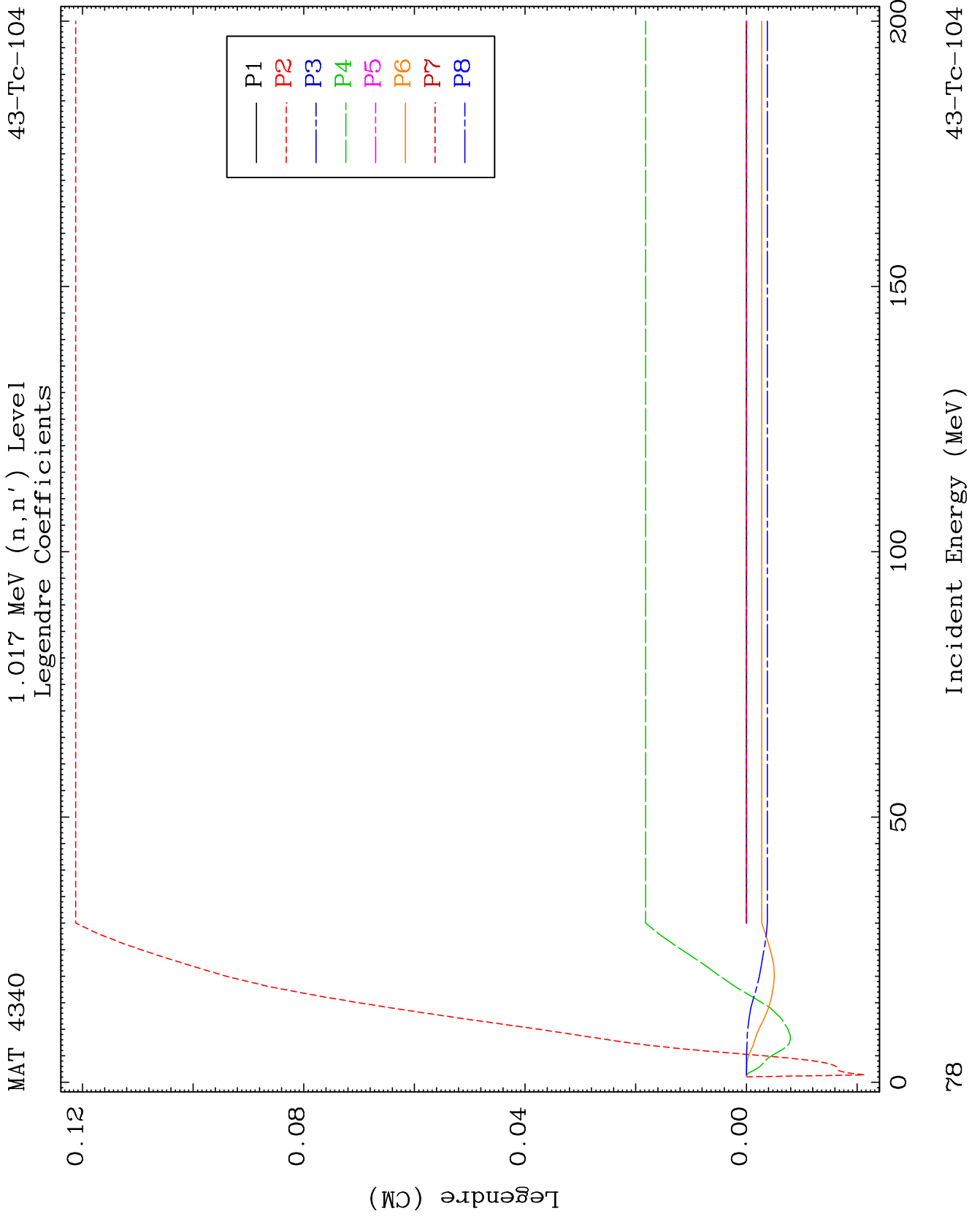
Incident Energy (MeV)

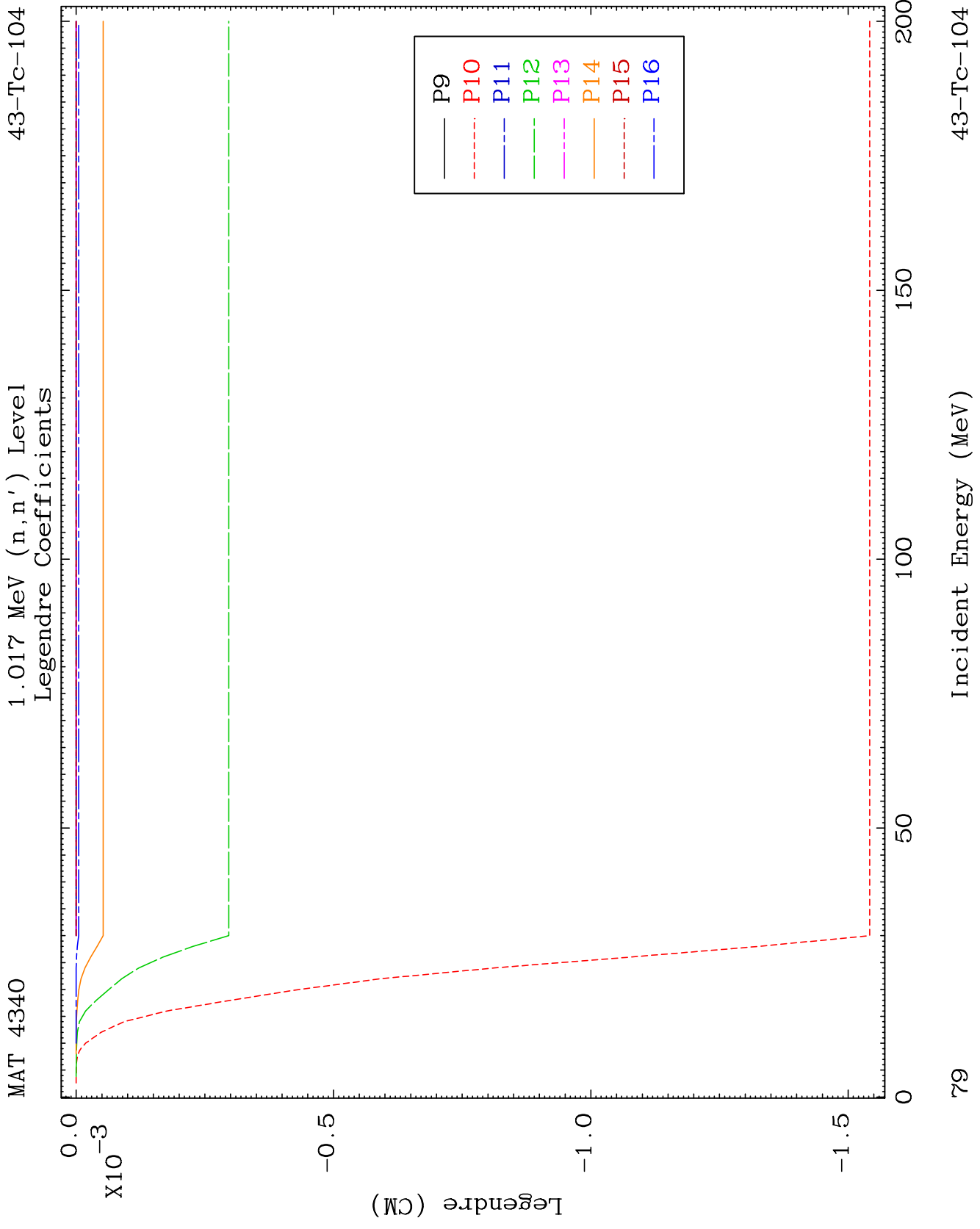
43-Tc-104

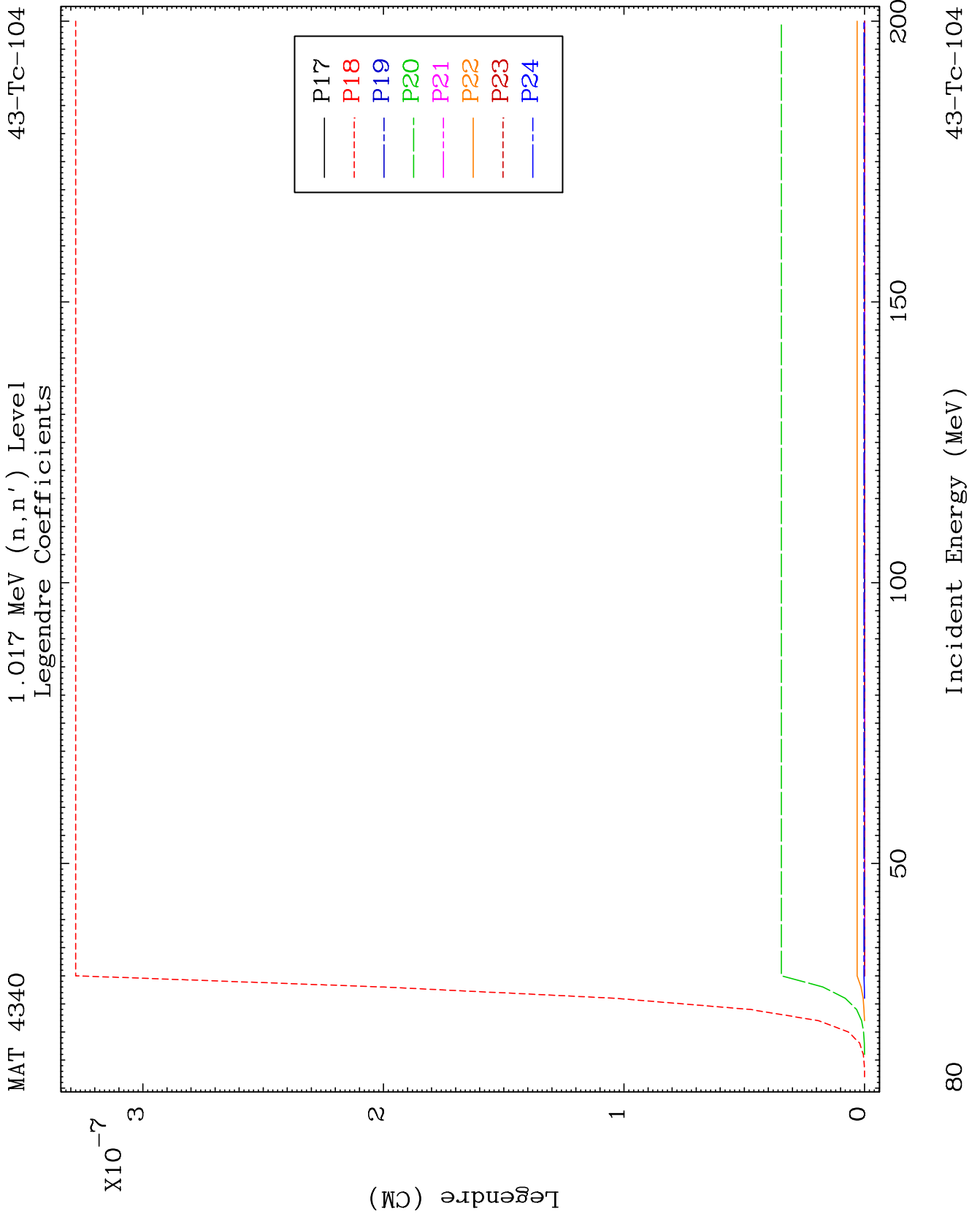


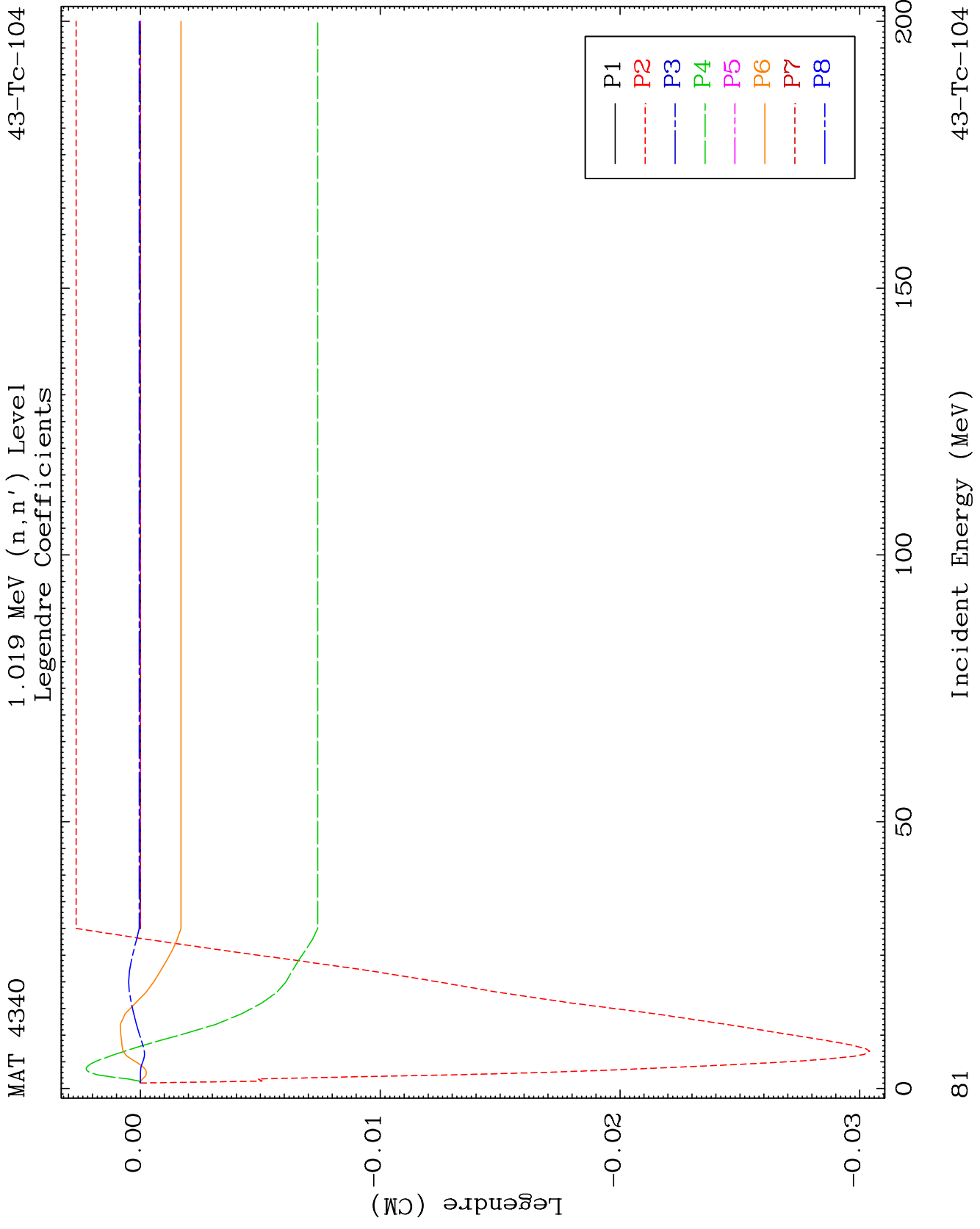


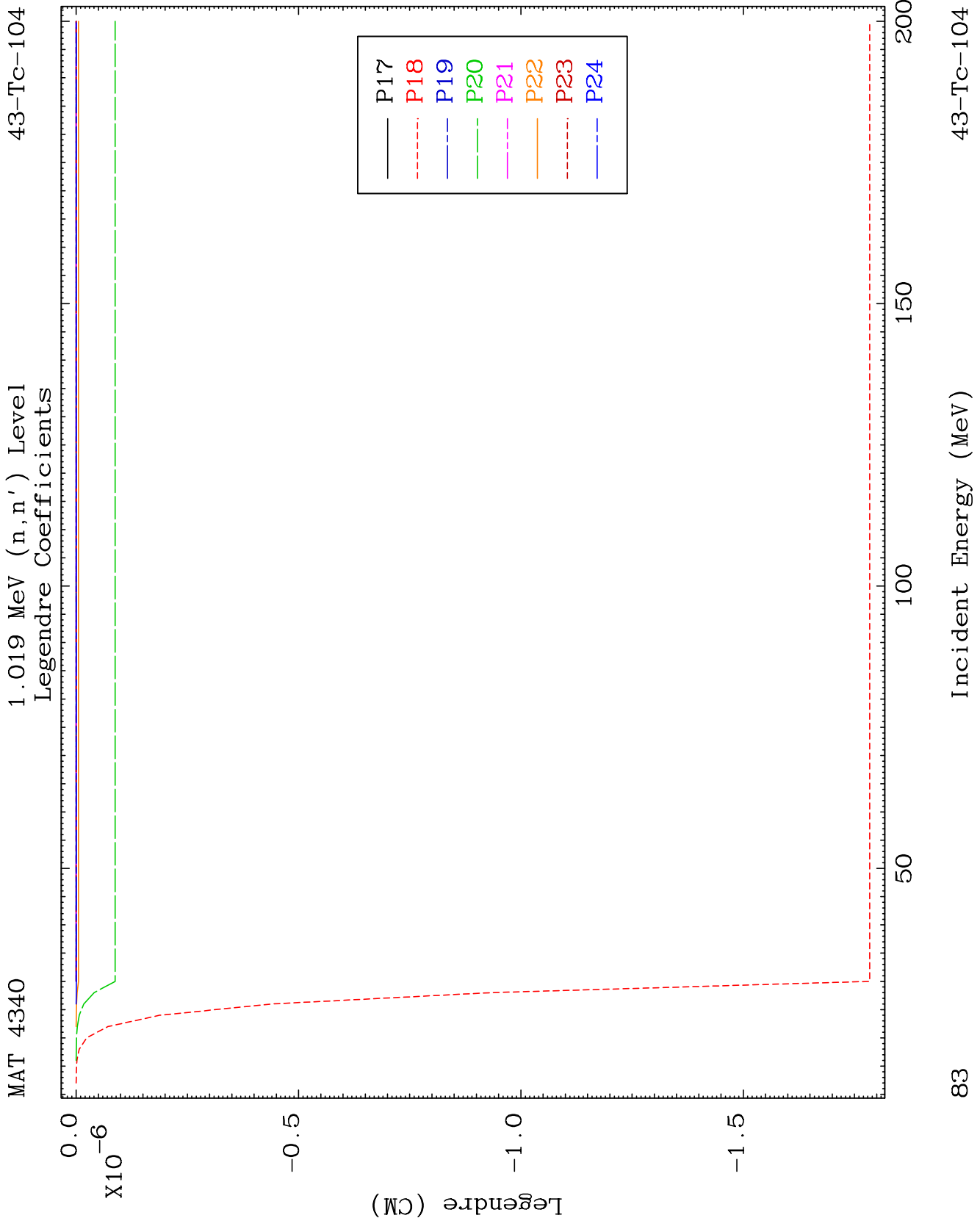


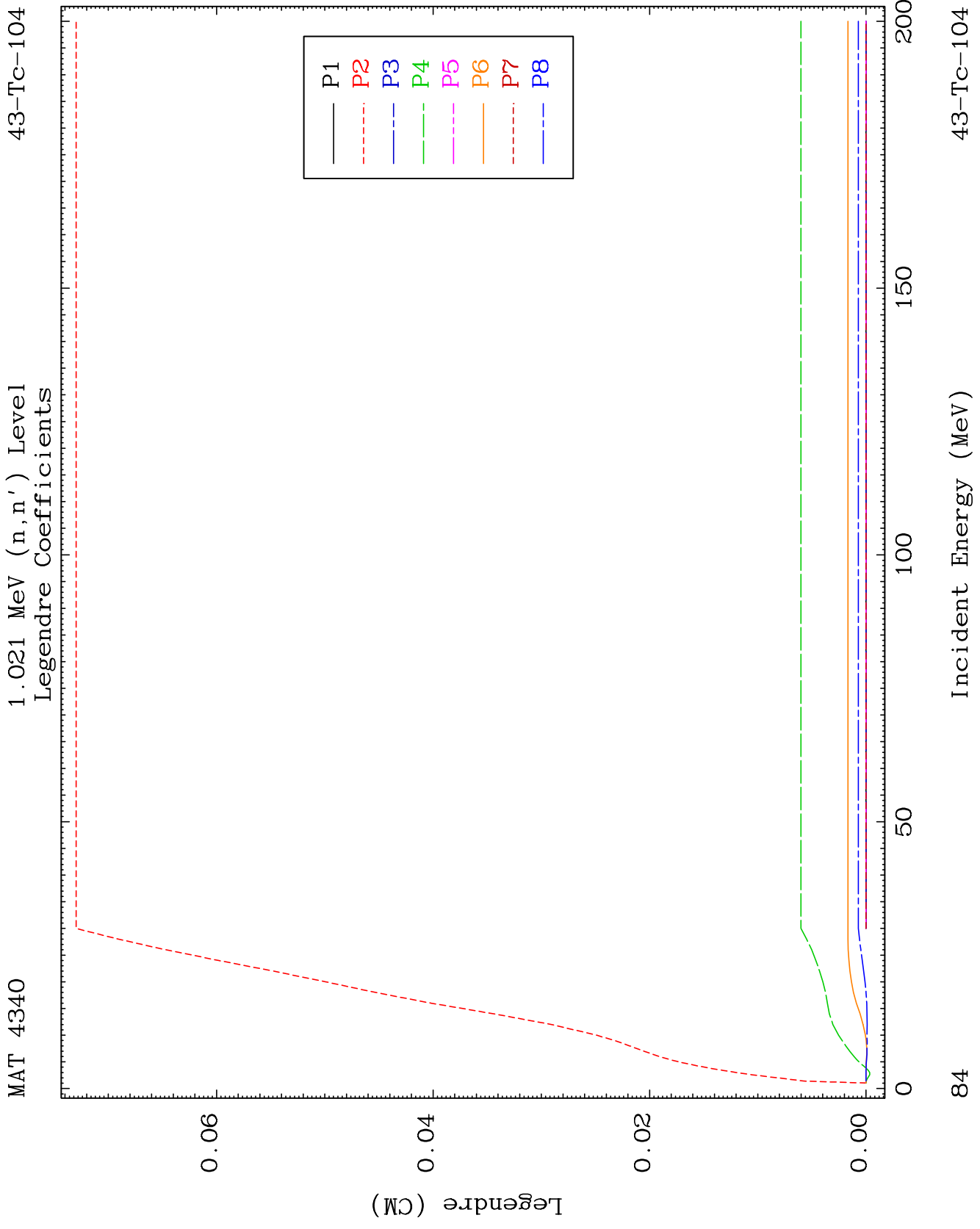


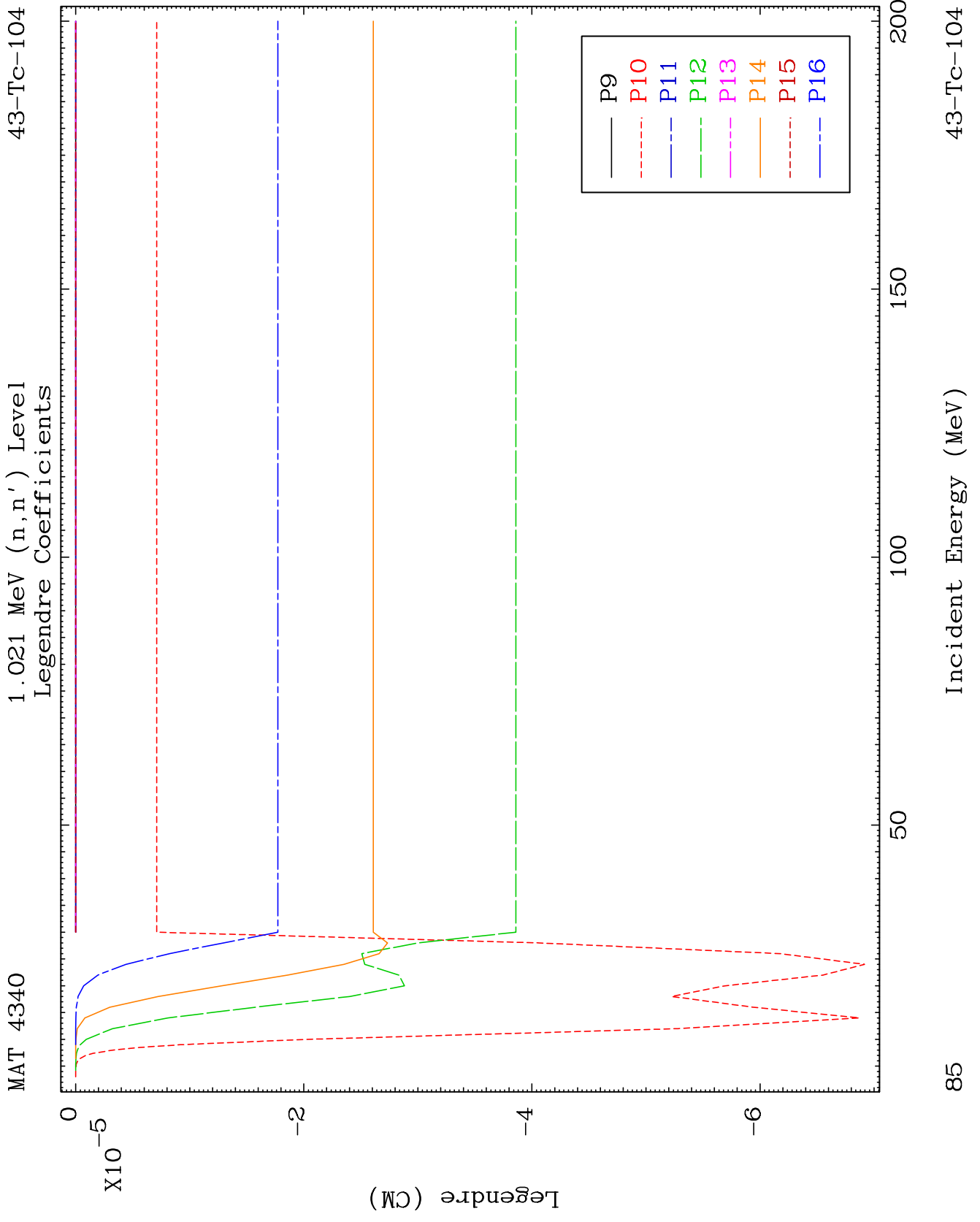


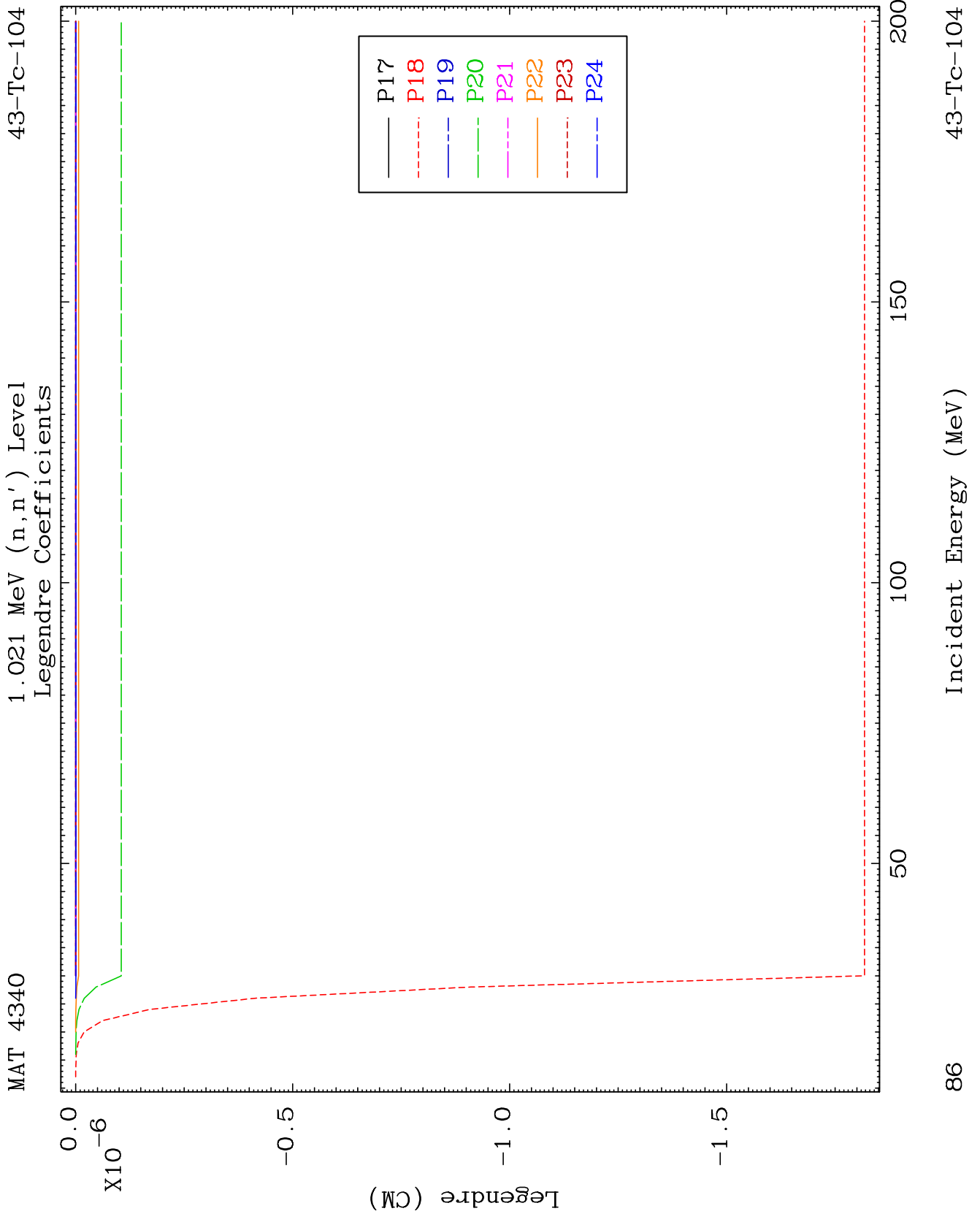


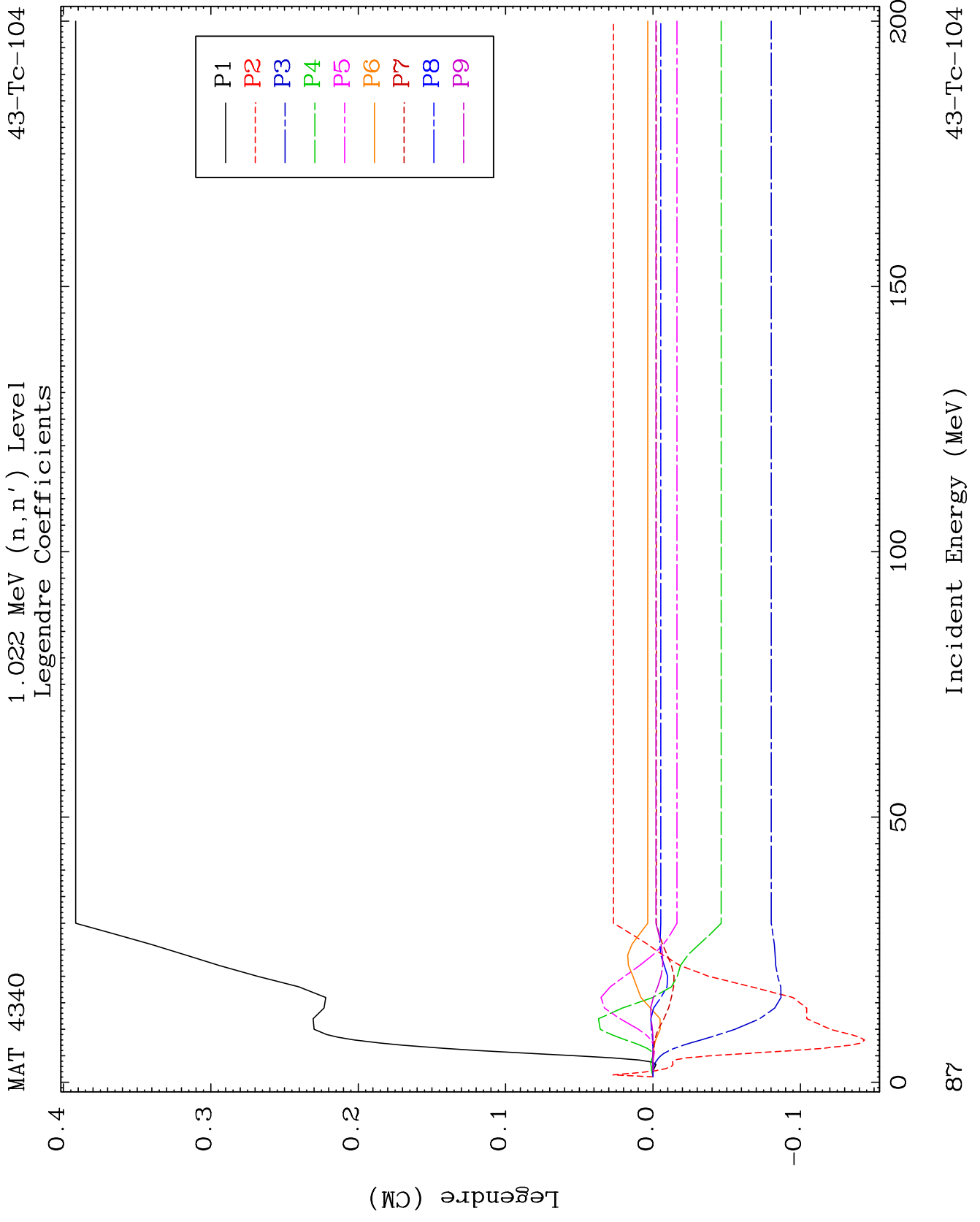








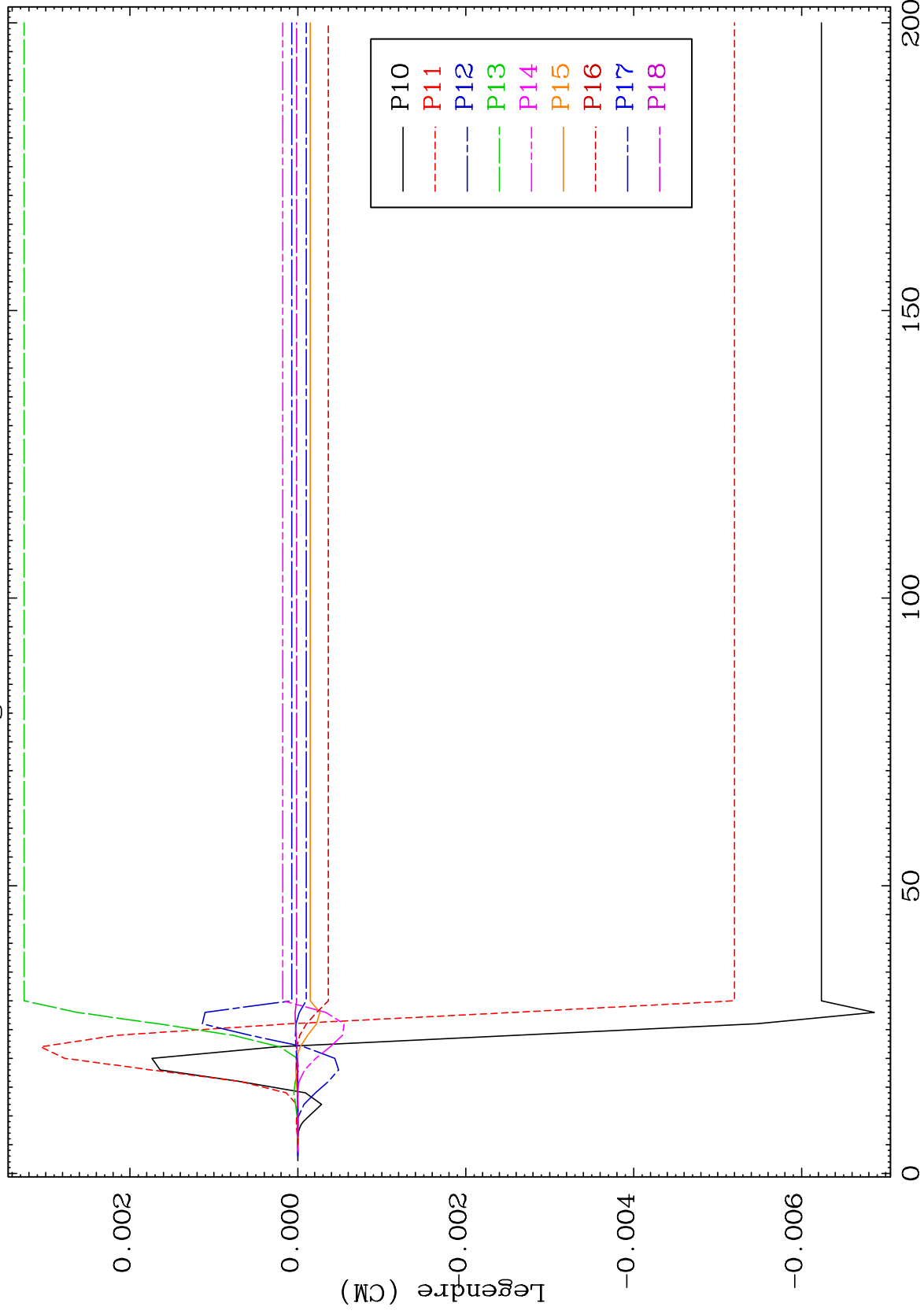




MAT 4340

1.022 MeV (n,n') Level
Legendre Coefficients

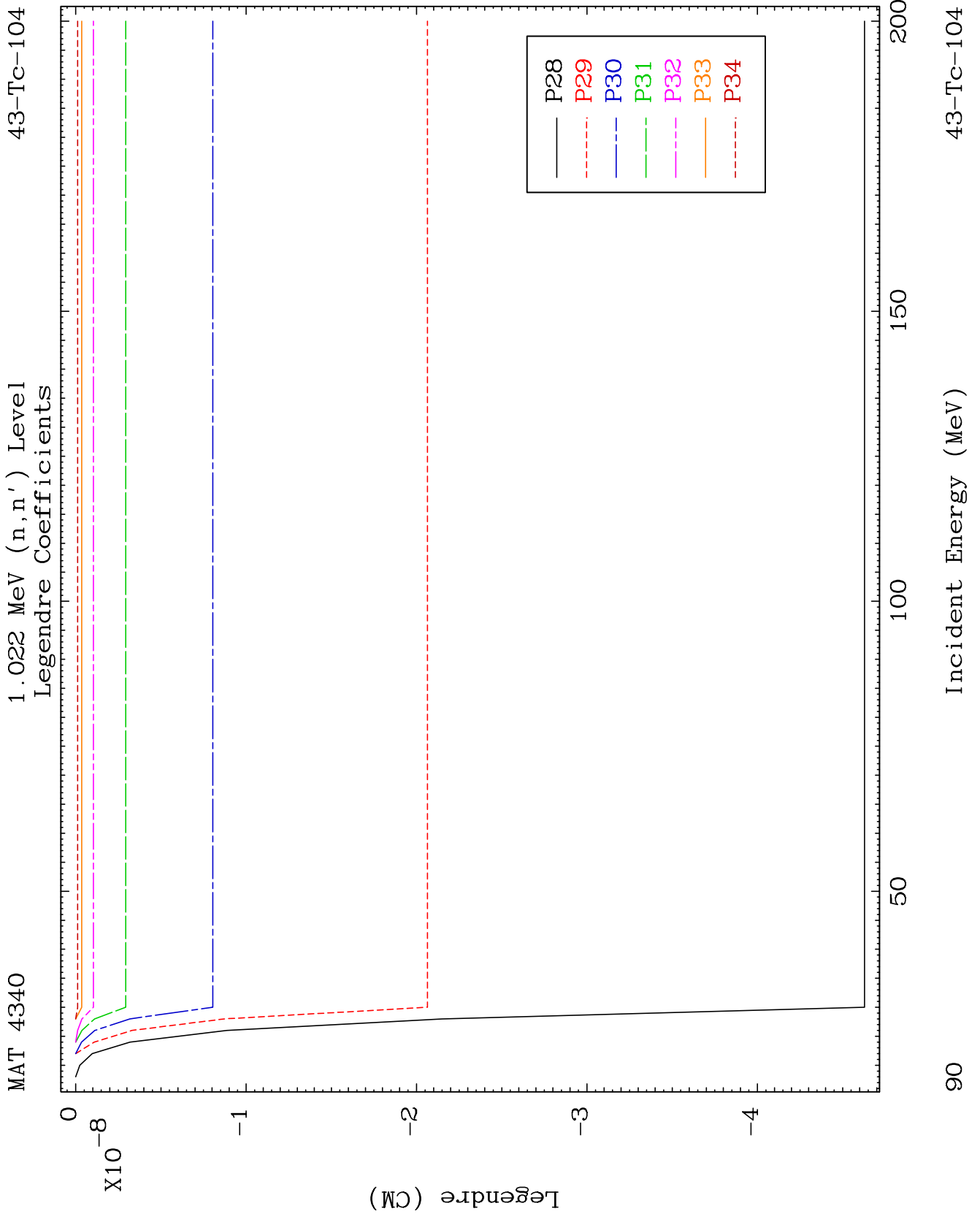
43-Tc-104

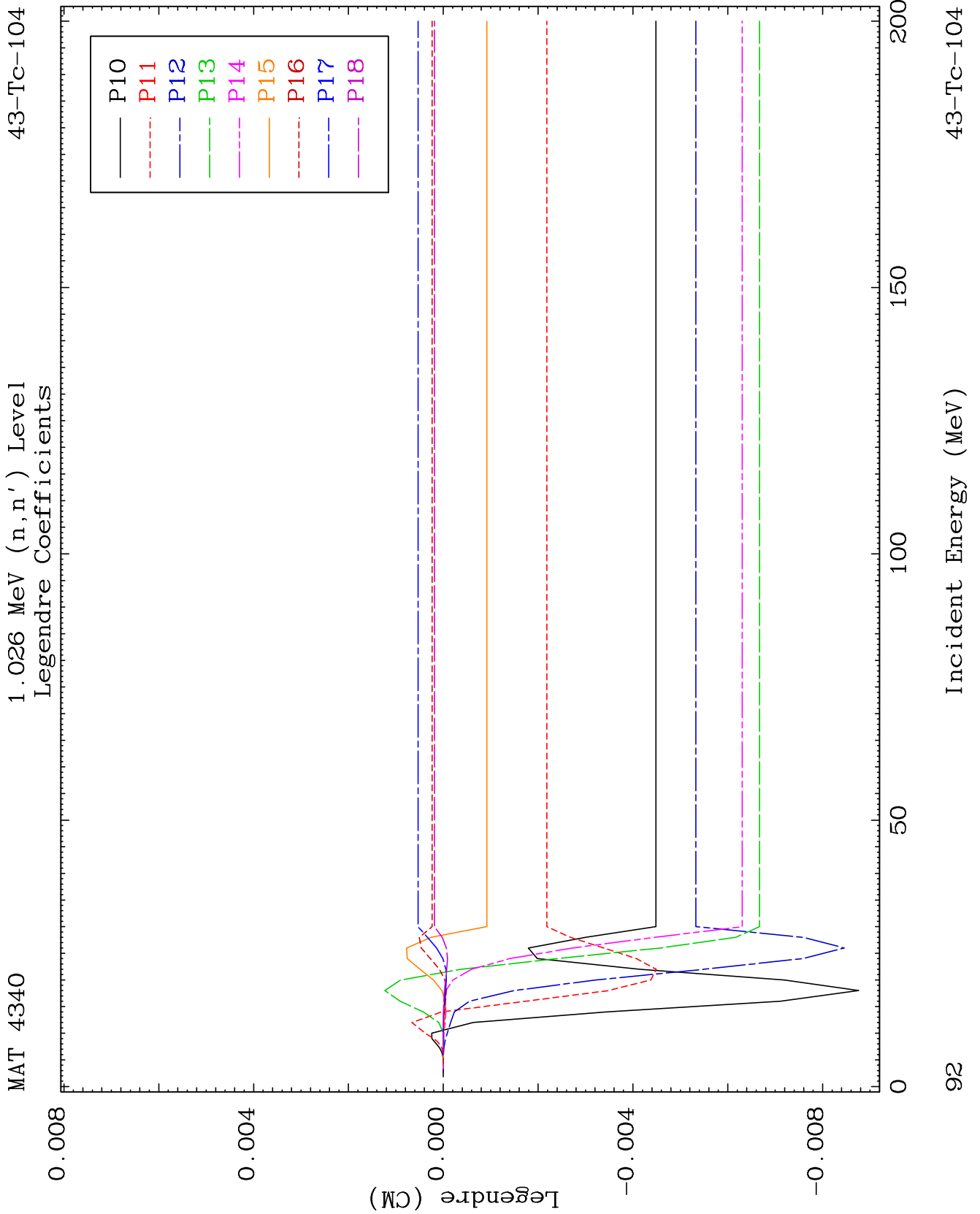


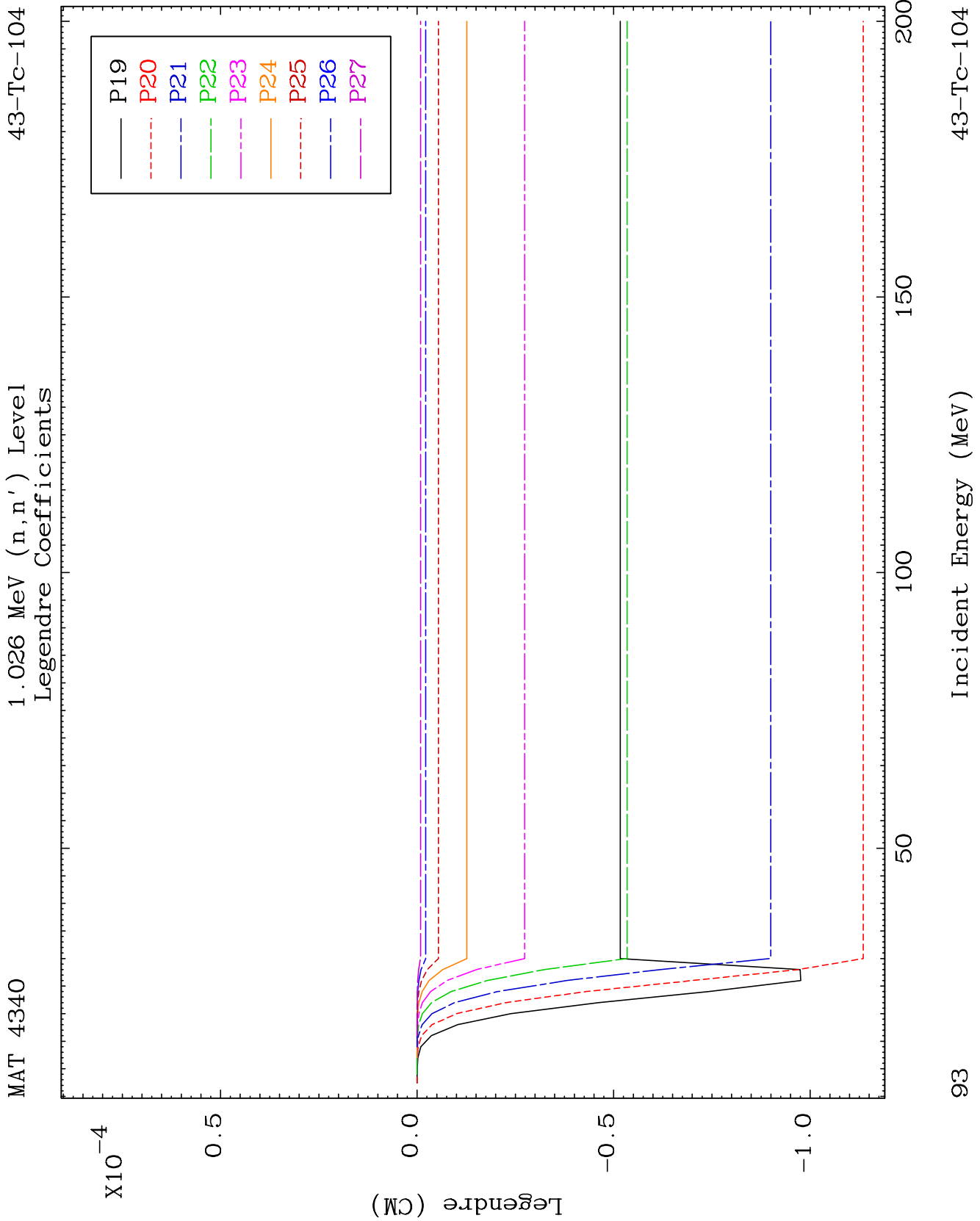
88

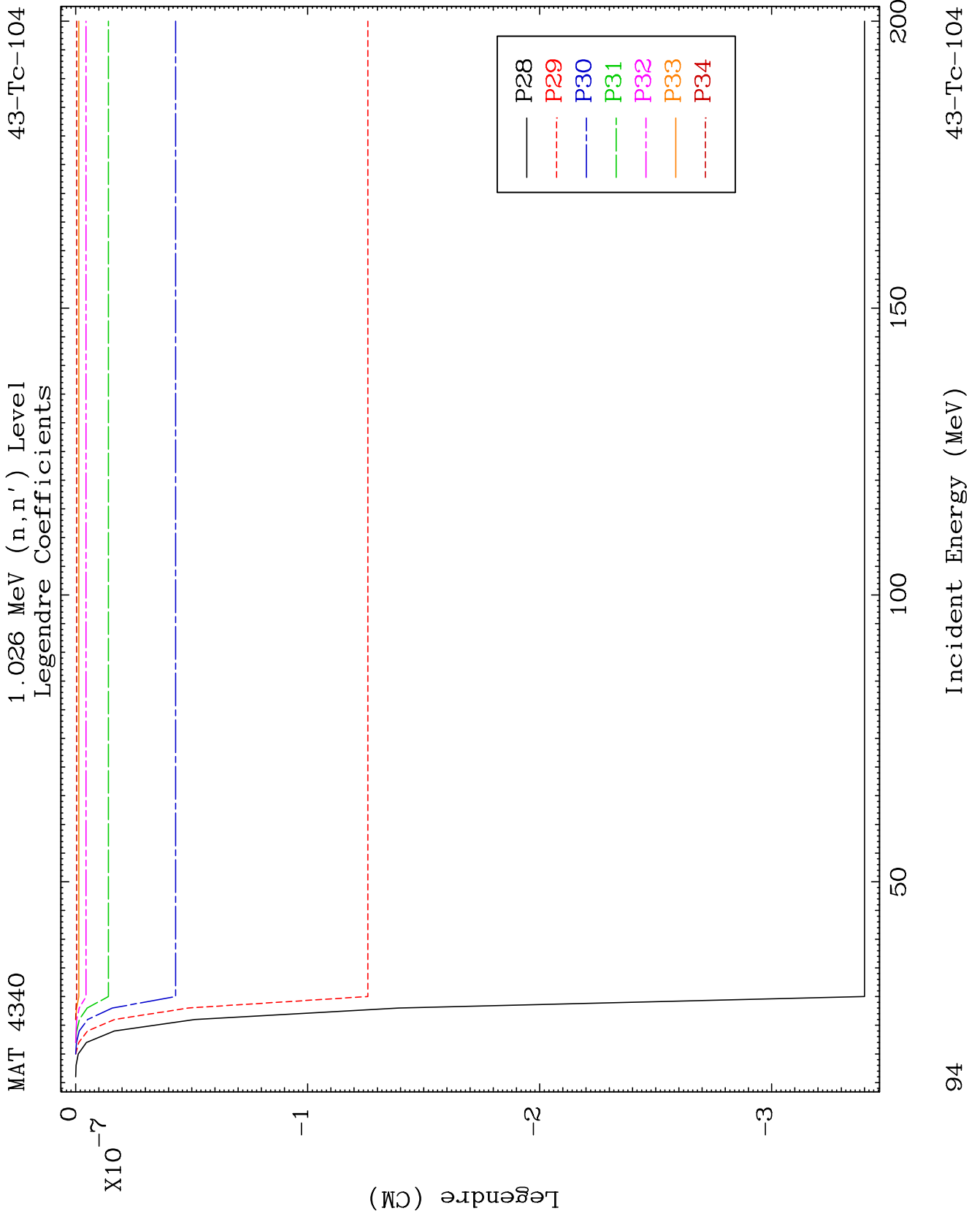
Incident Energy (MeV)

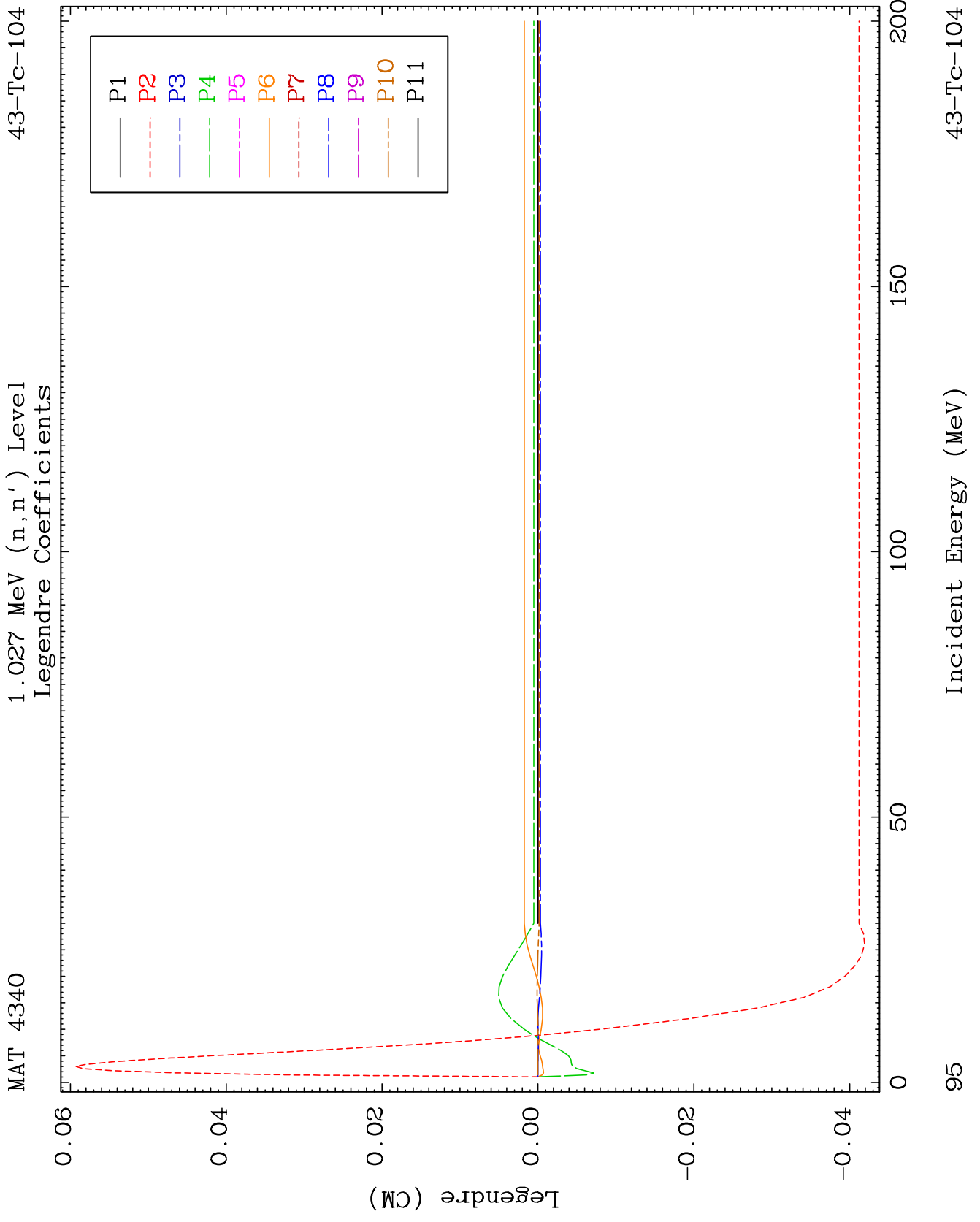
43-Tc-104

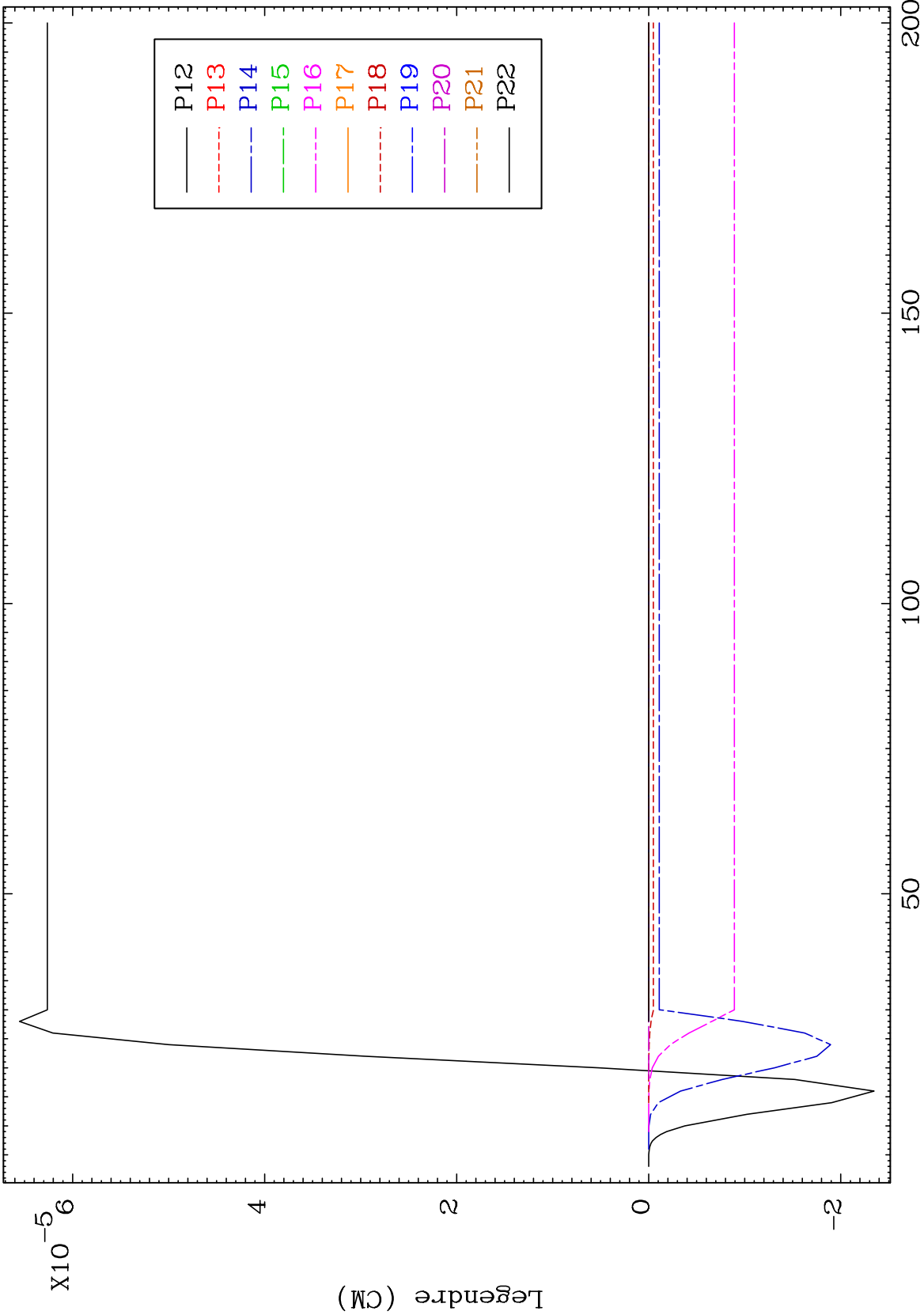








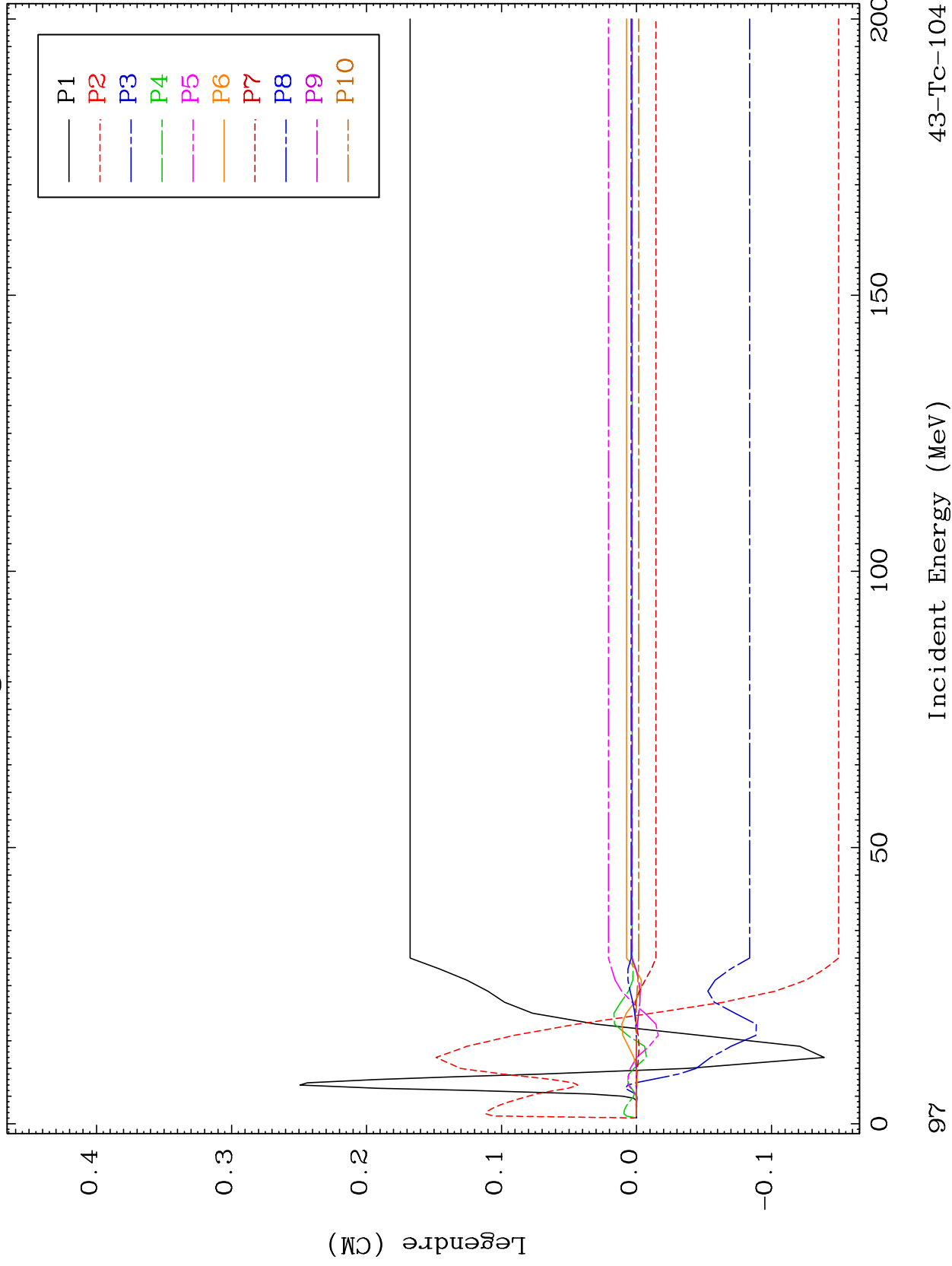




MAT 4340

1.031 MeV (n,n') Level
Legendre Coefficients

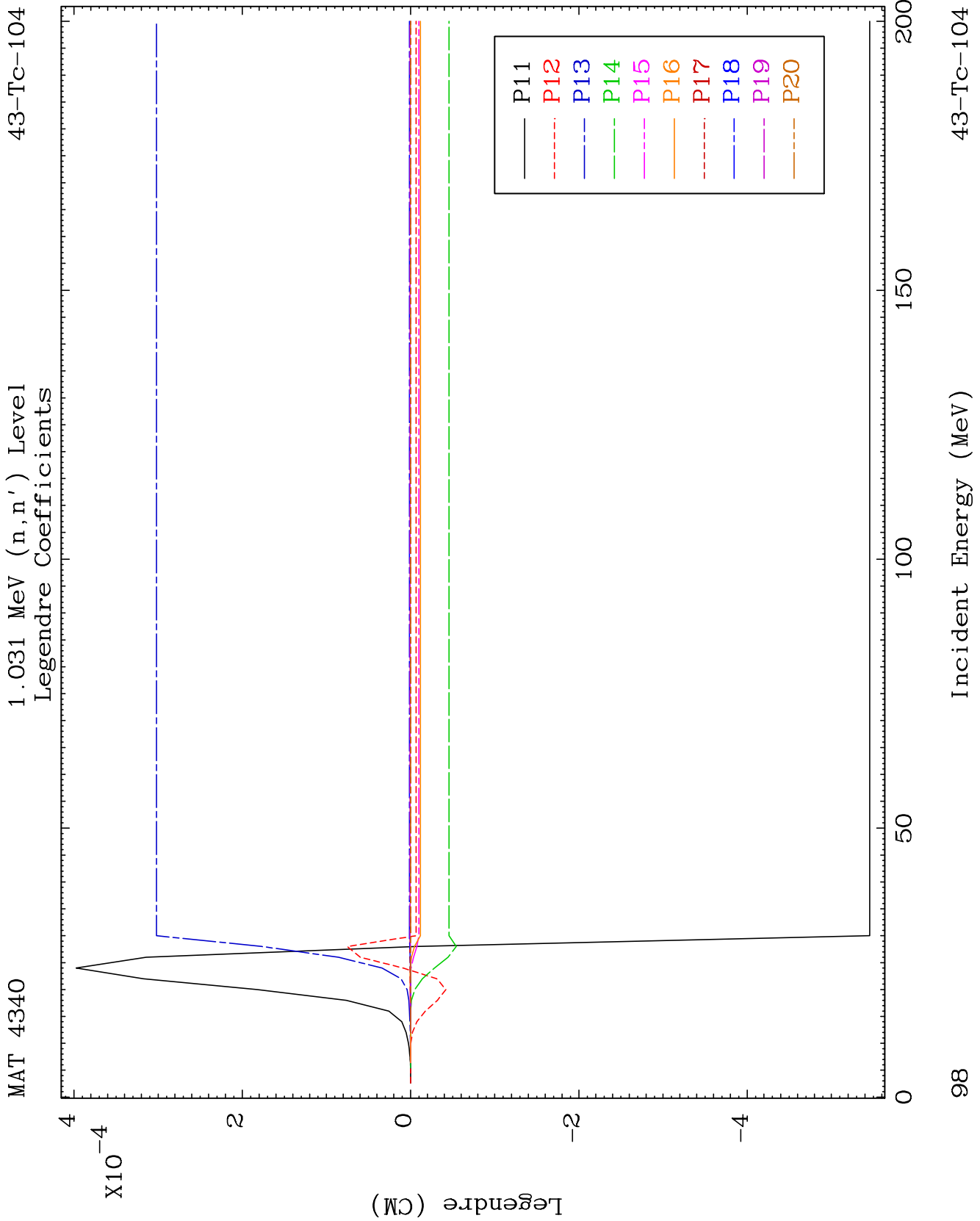
43-Tc-104

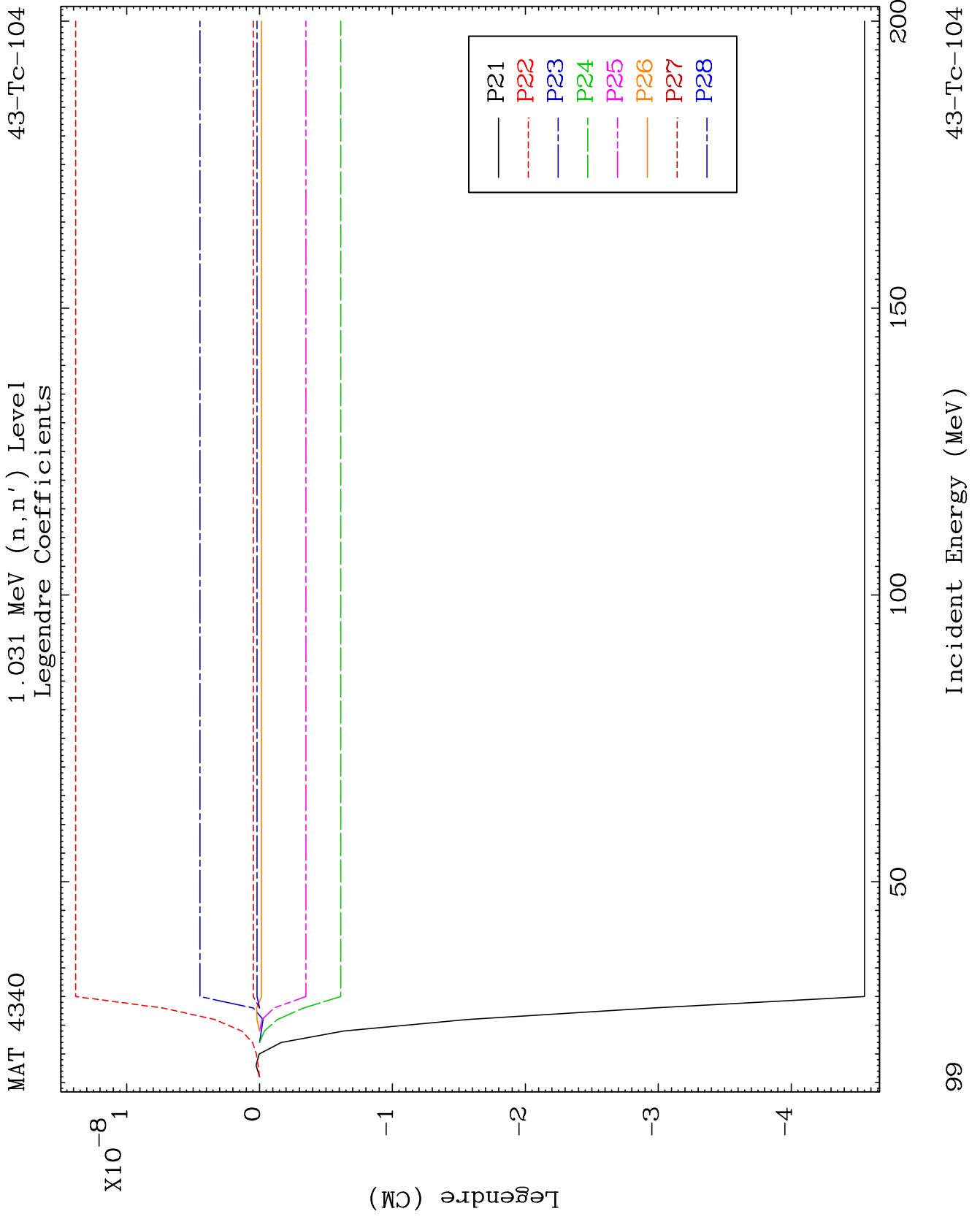


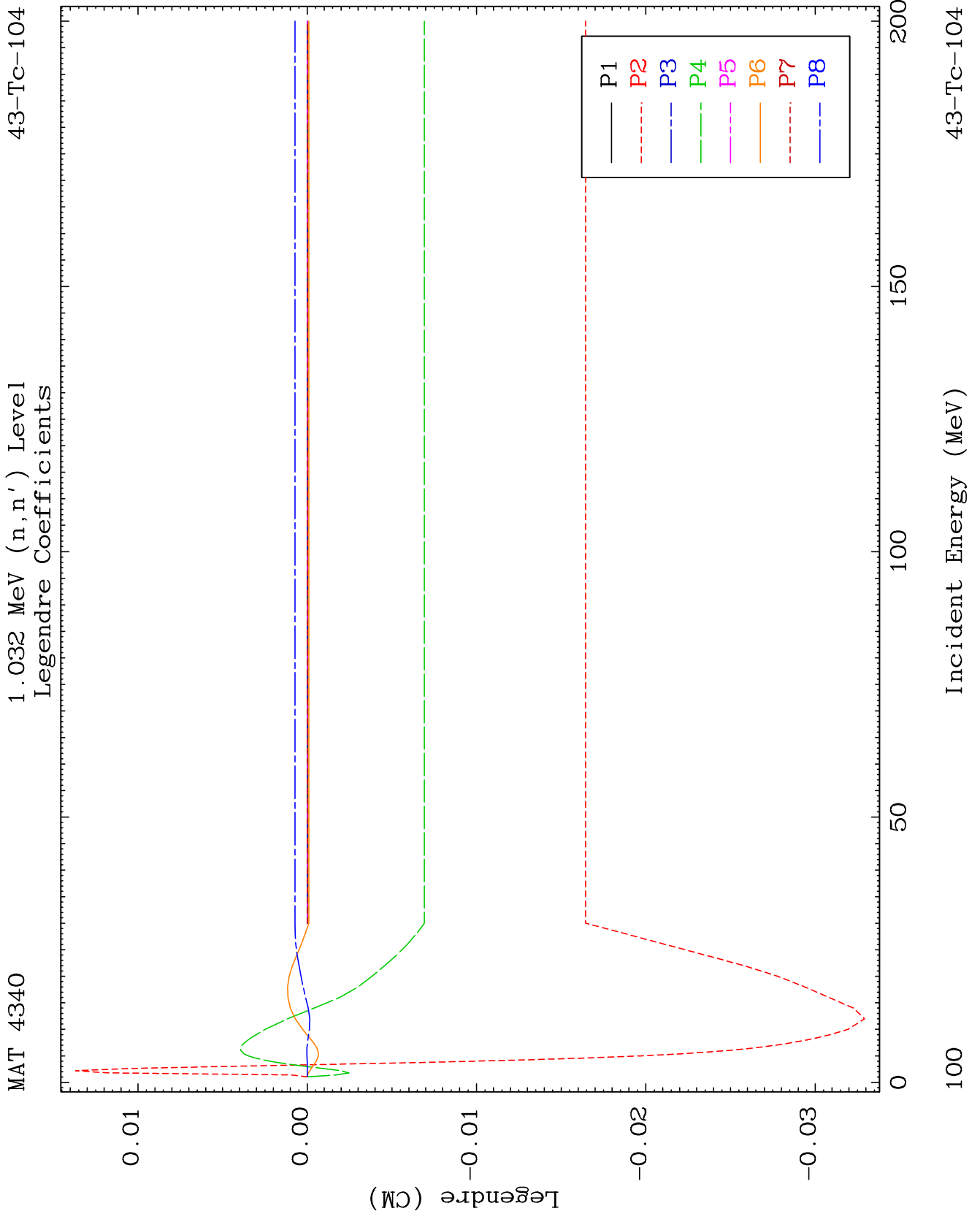
97

Incident Energy (MeV)

43-Tc-104



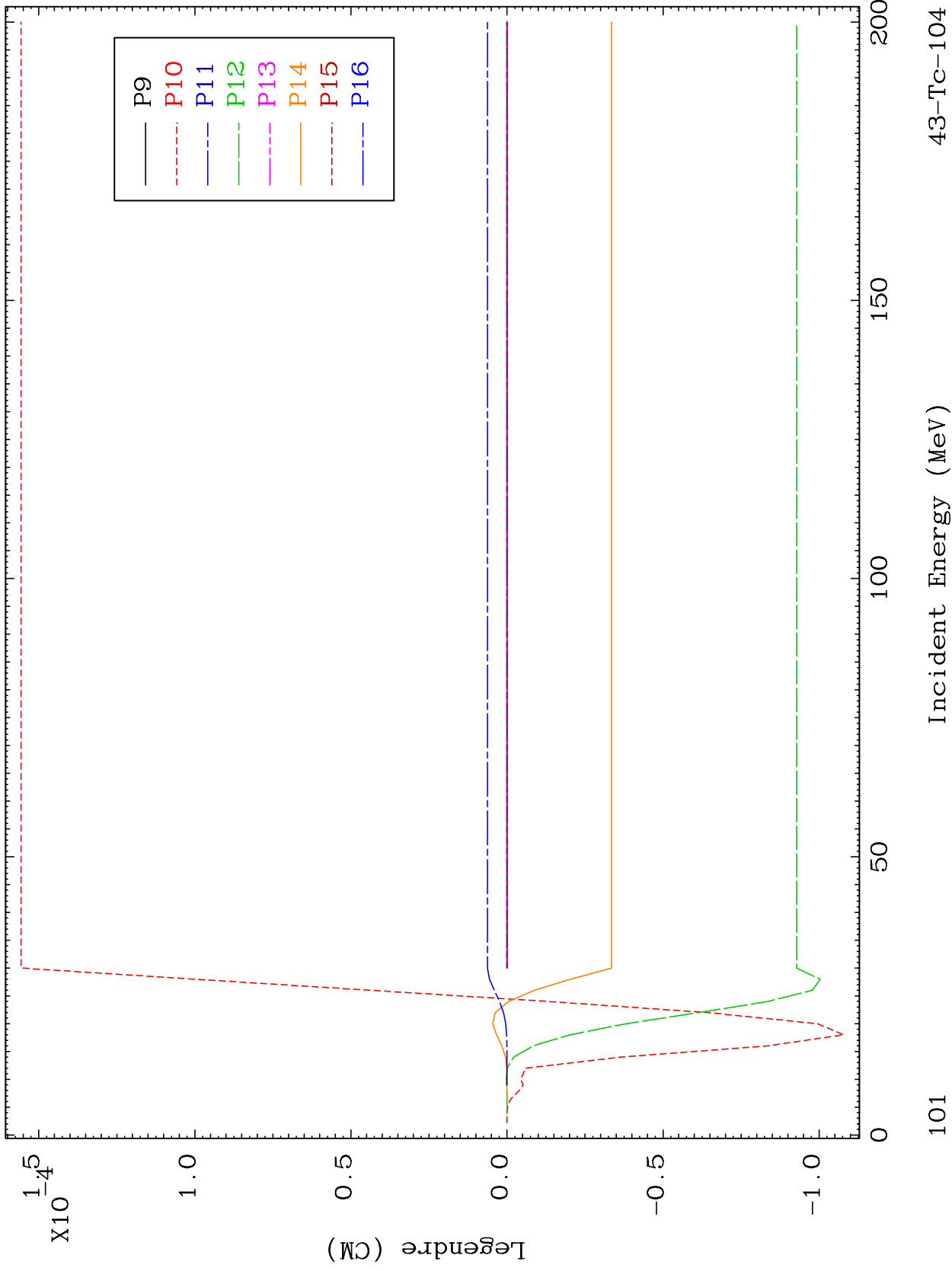




MAT 4340

1.032 MeV (n,n') Level
Legendre Coefficients

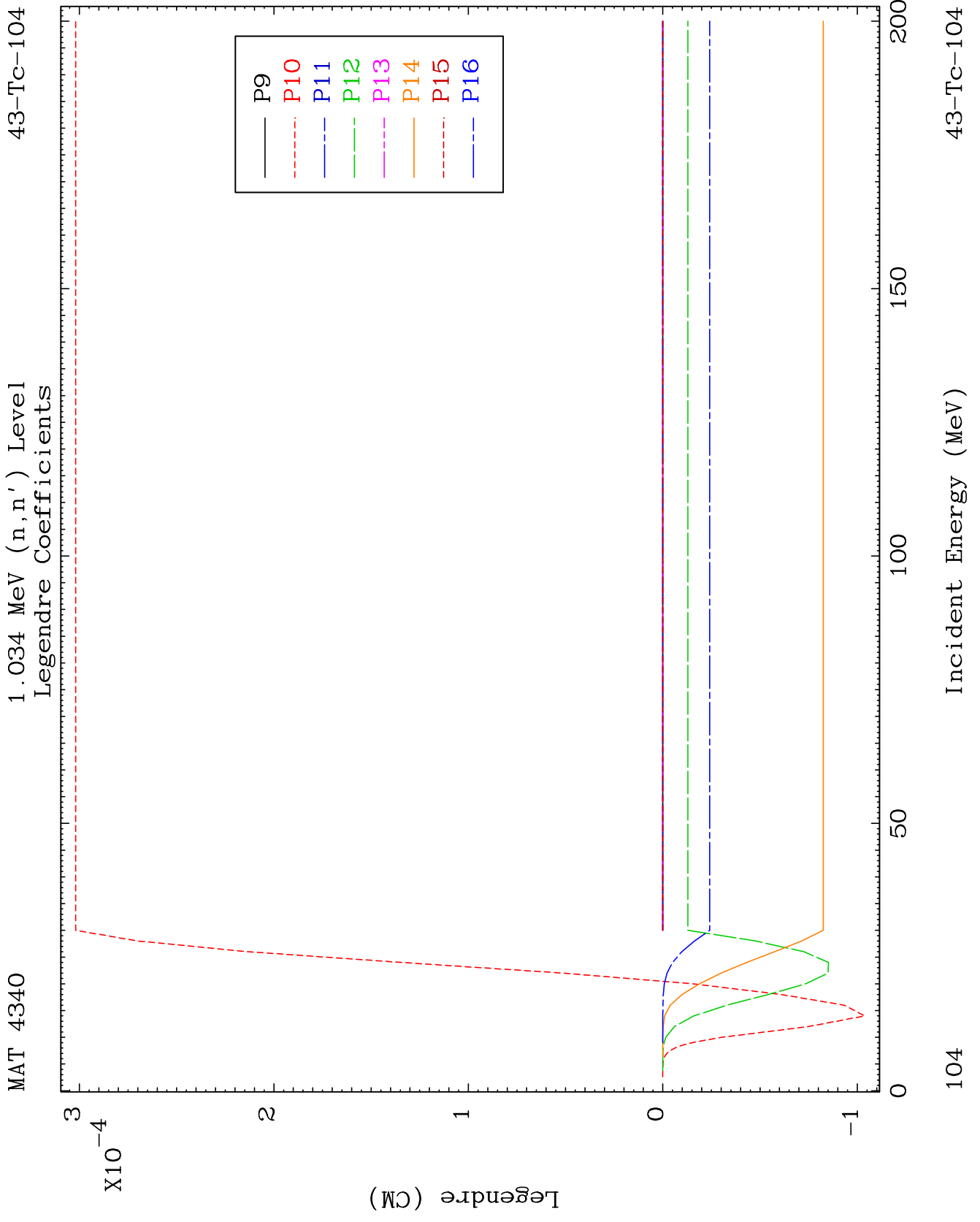
43-Tc-104

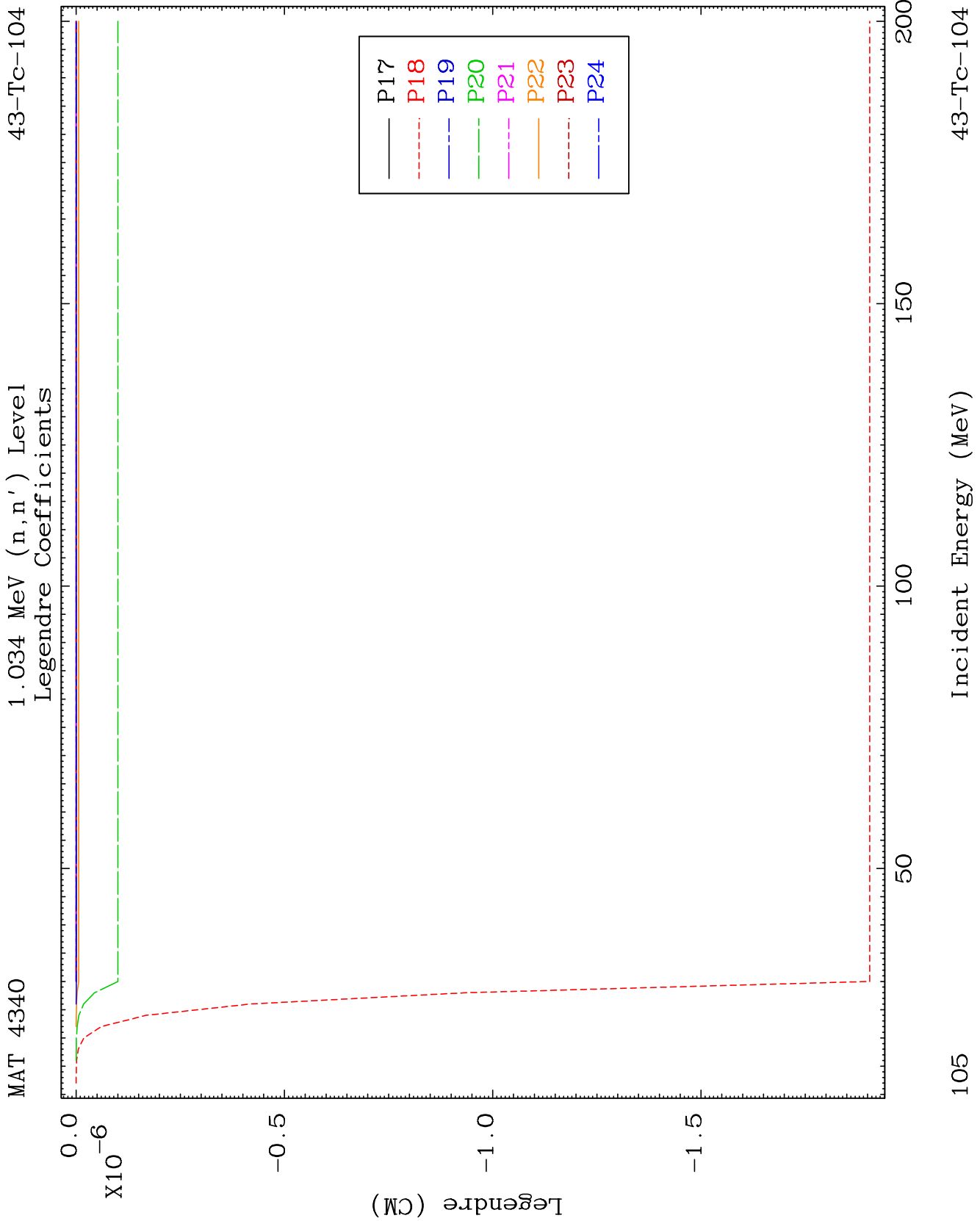


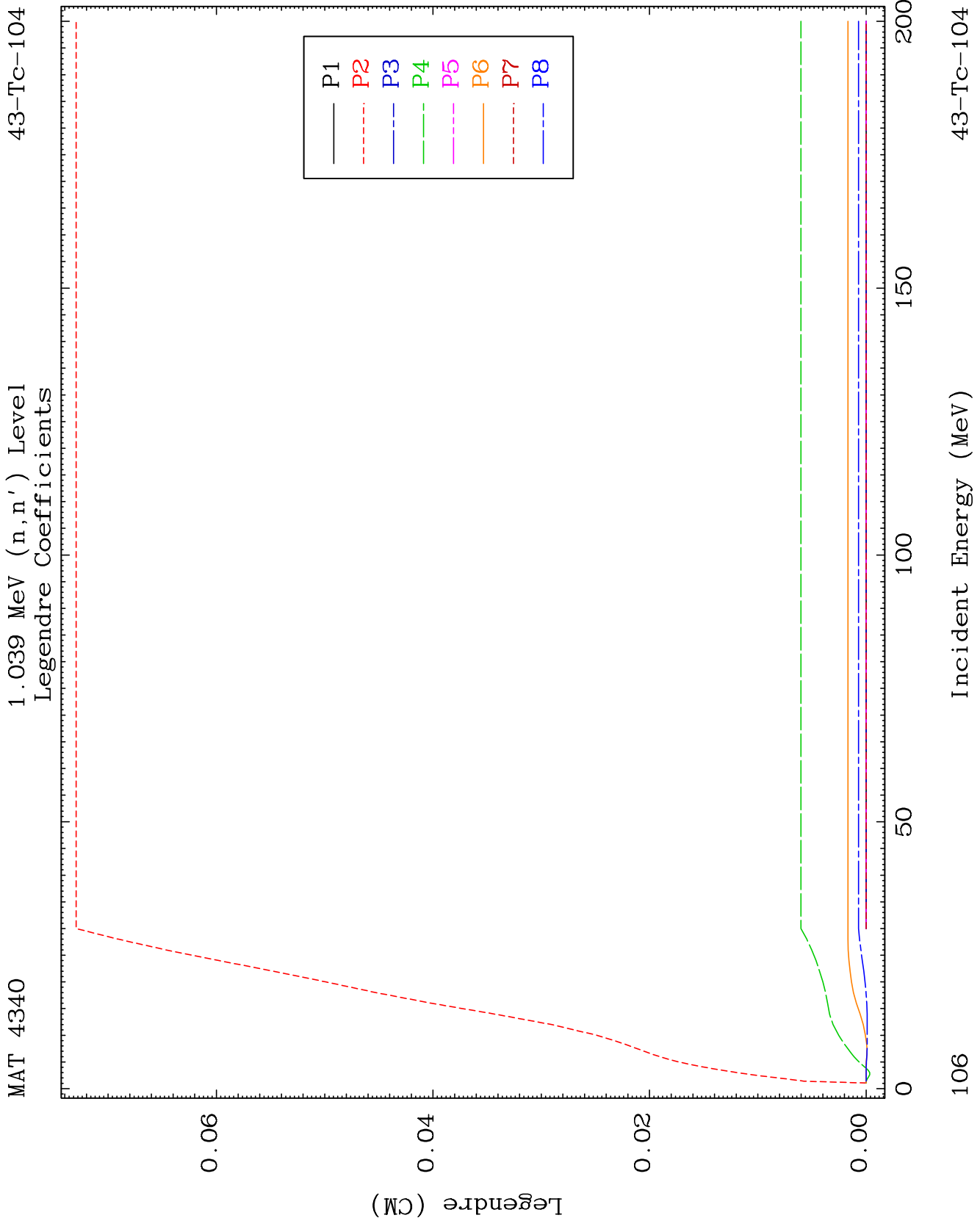
101

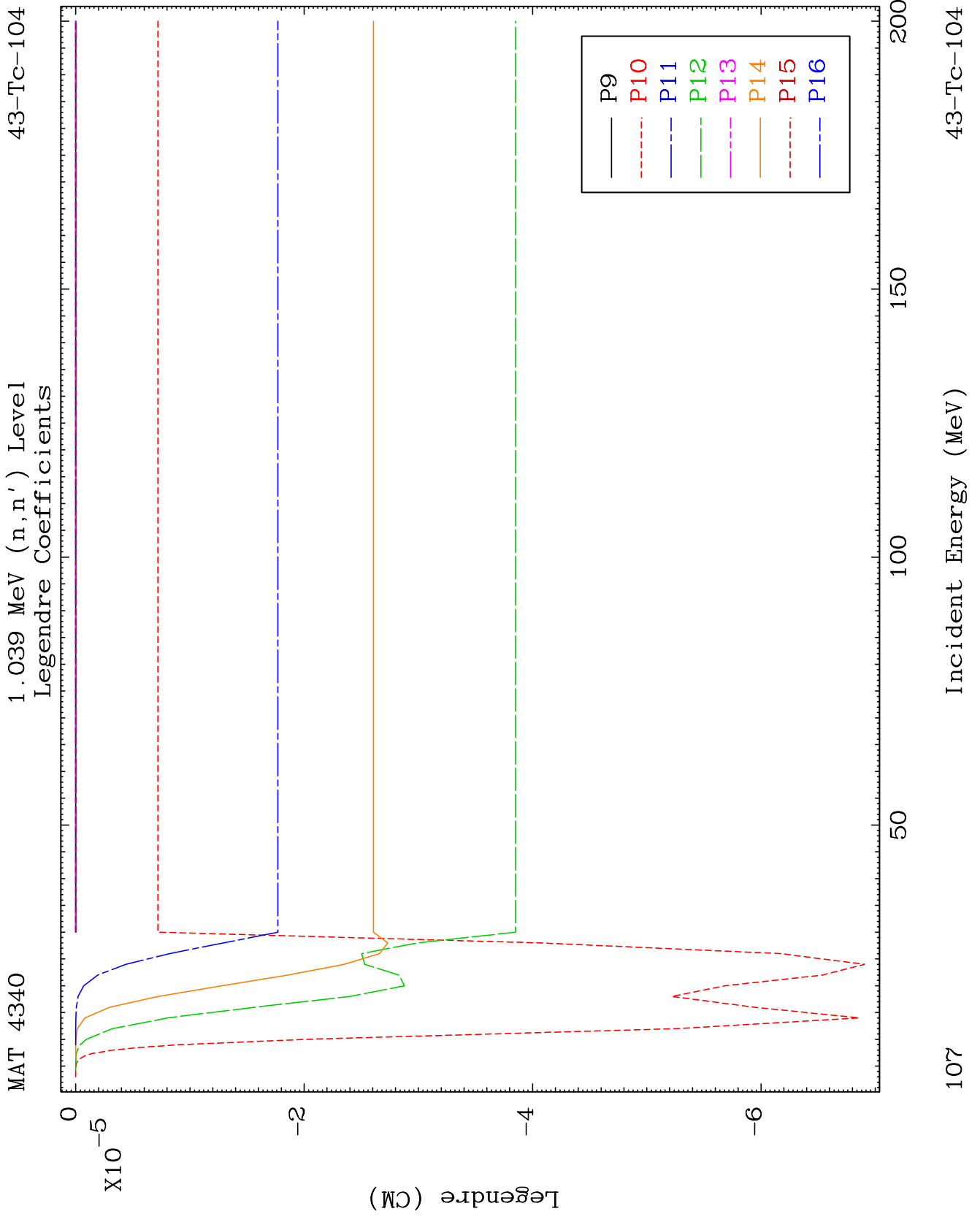
Incident Energy (MeV)

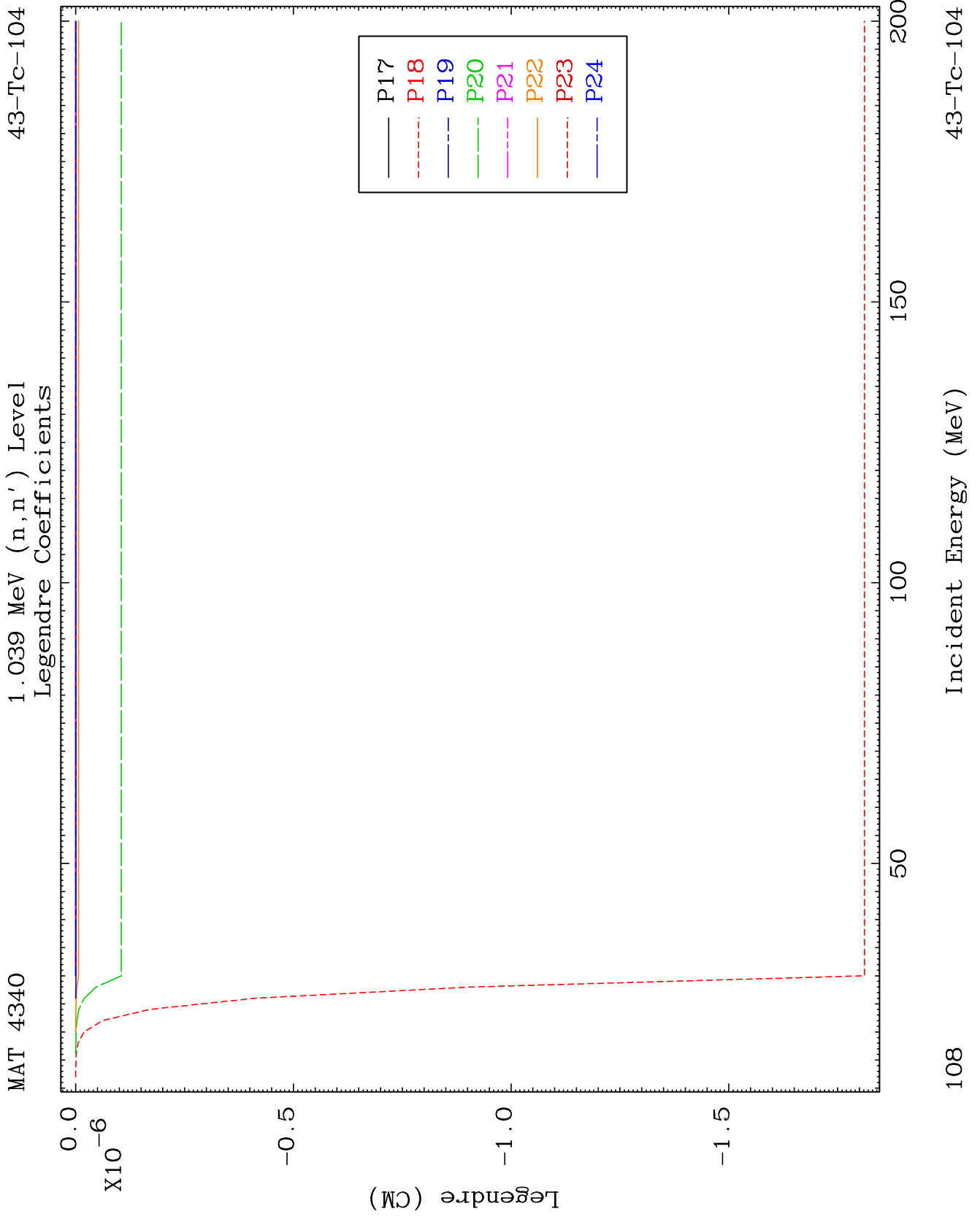
43-Tc-104

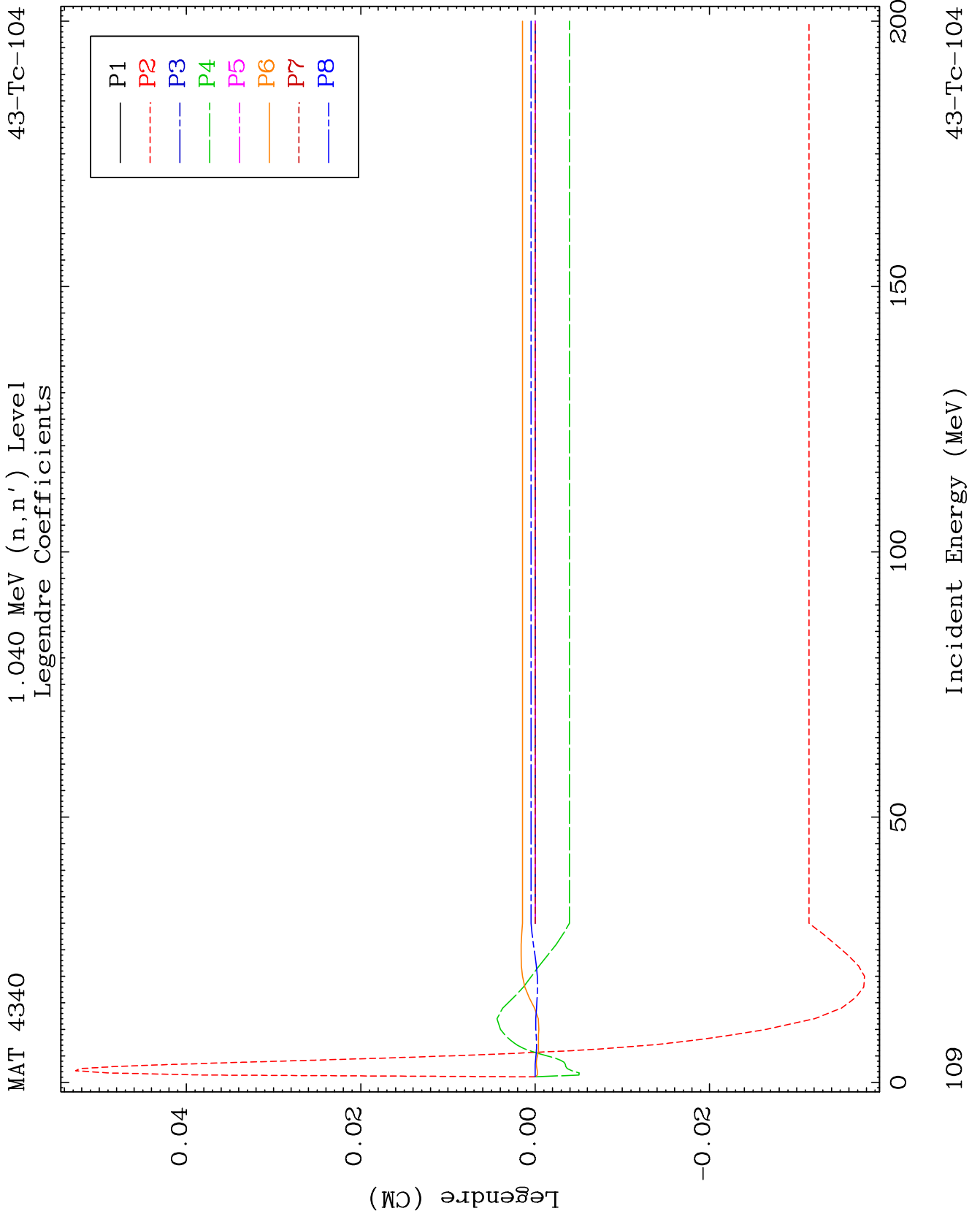


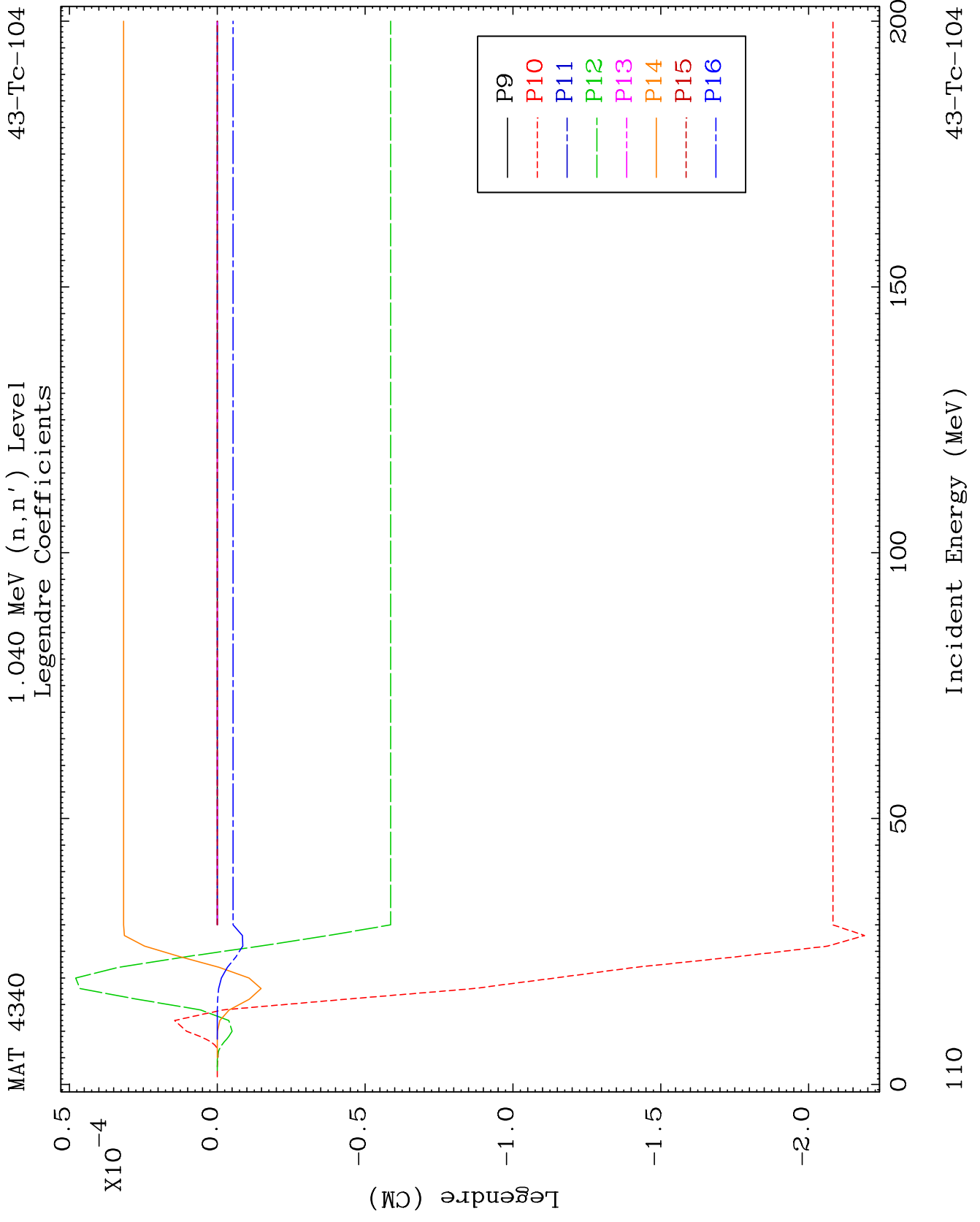


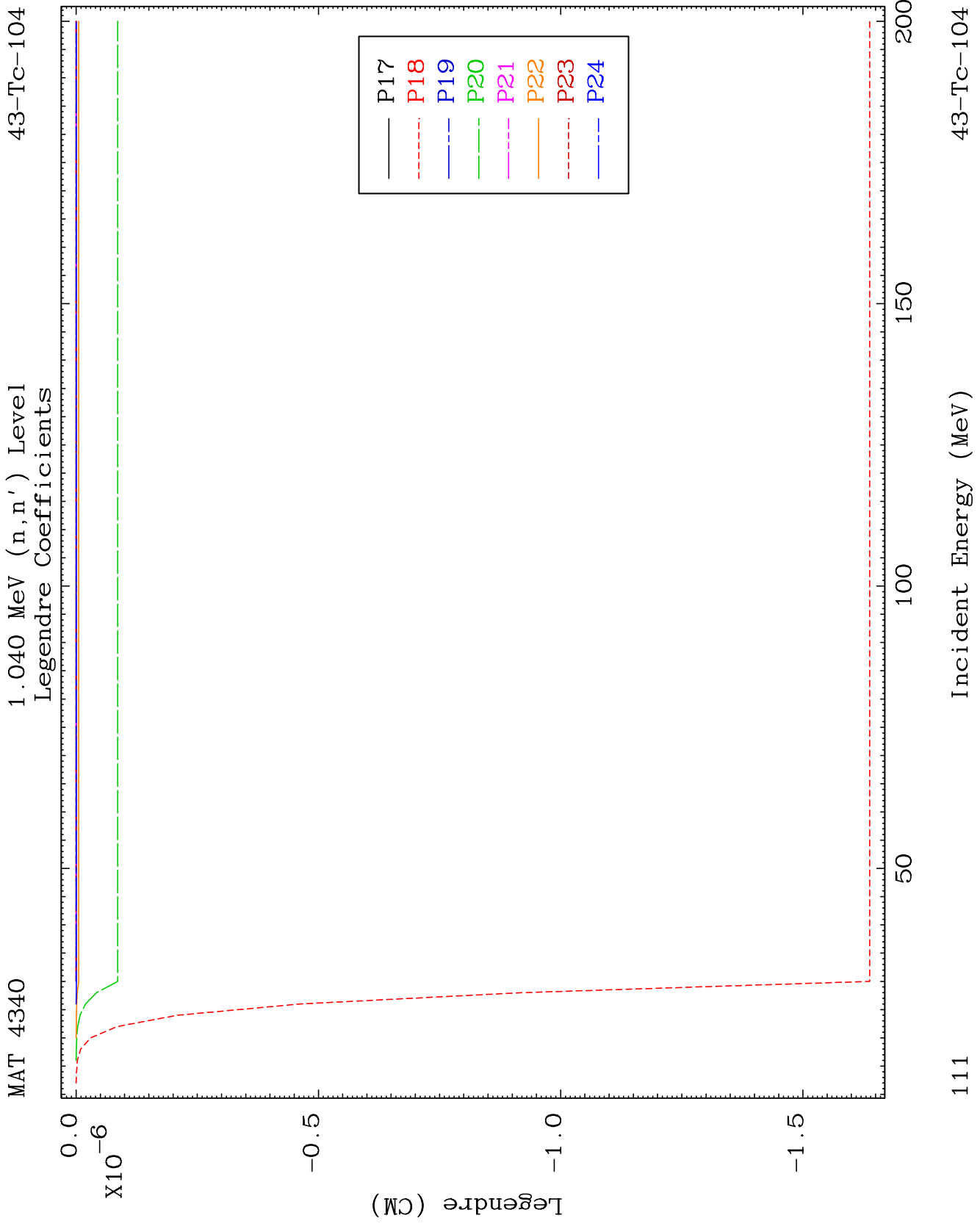


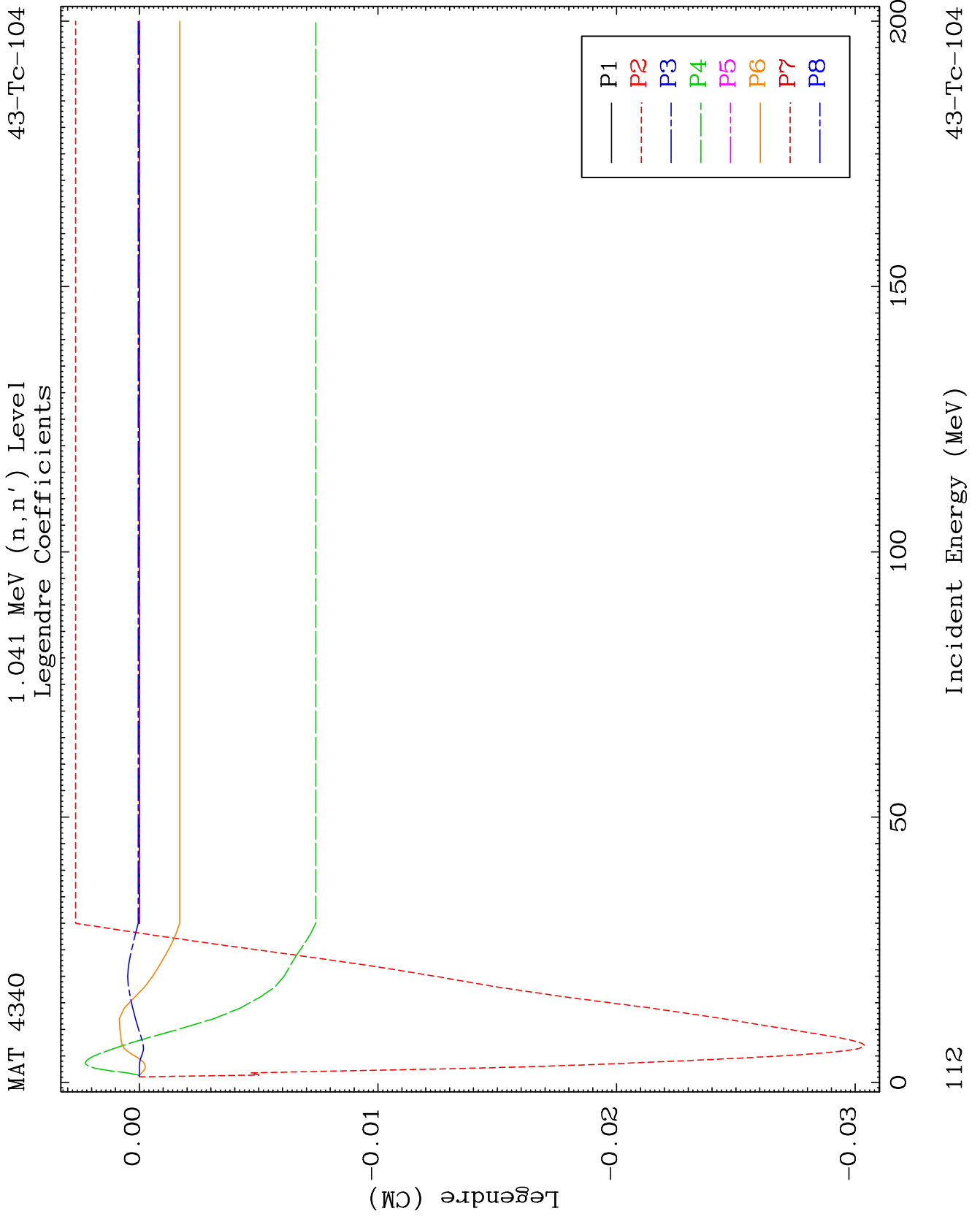


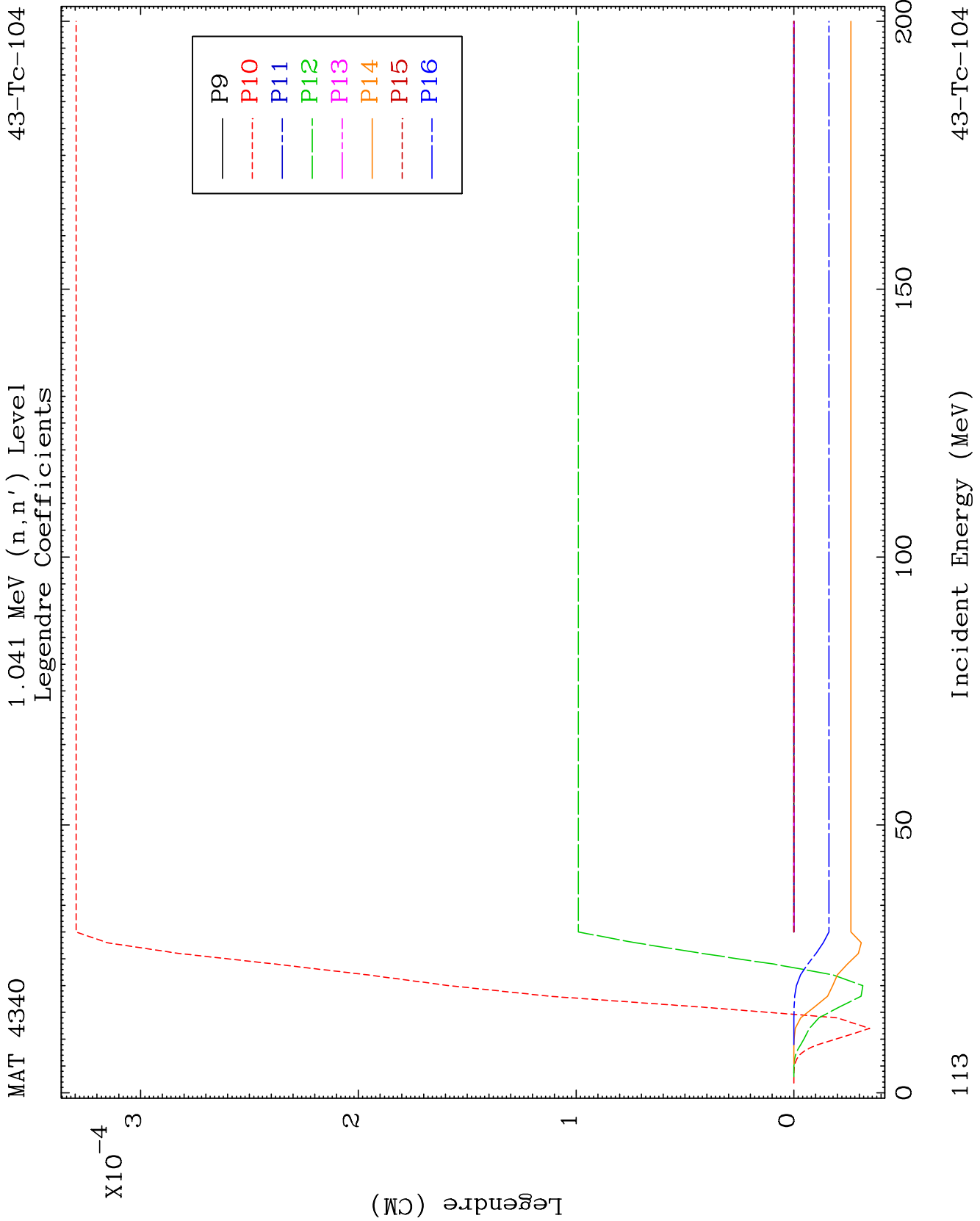


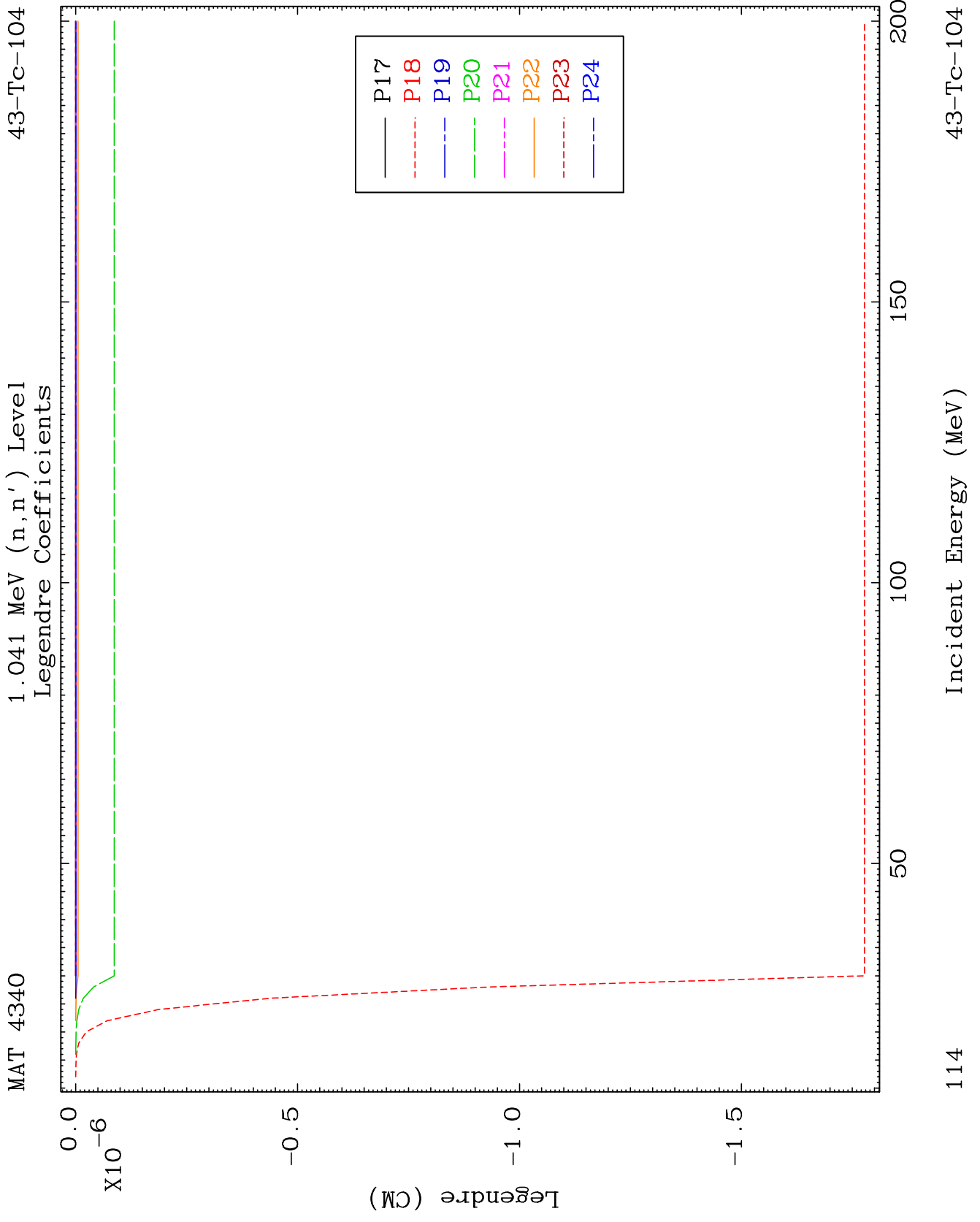








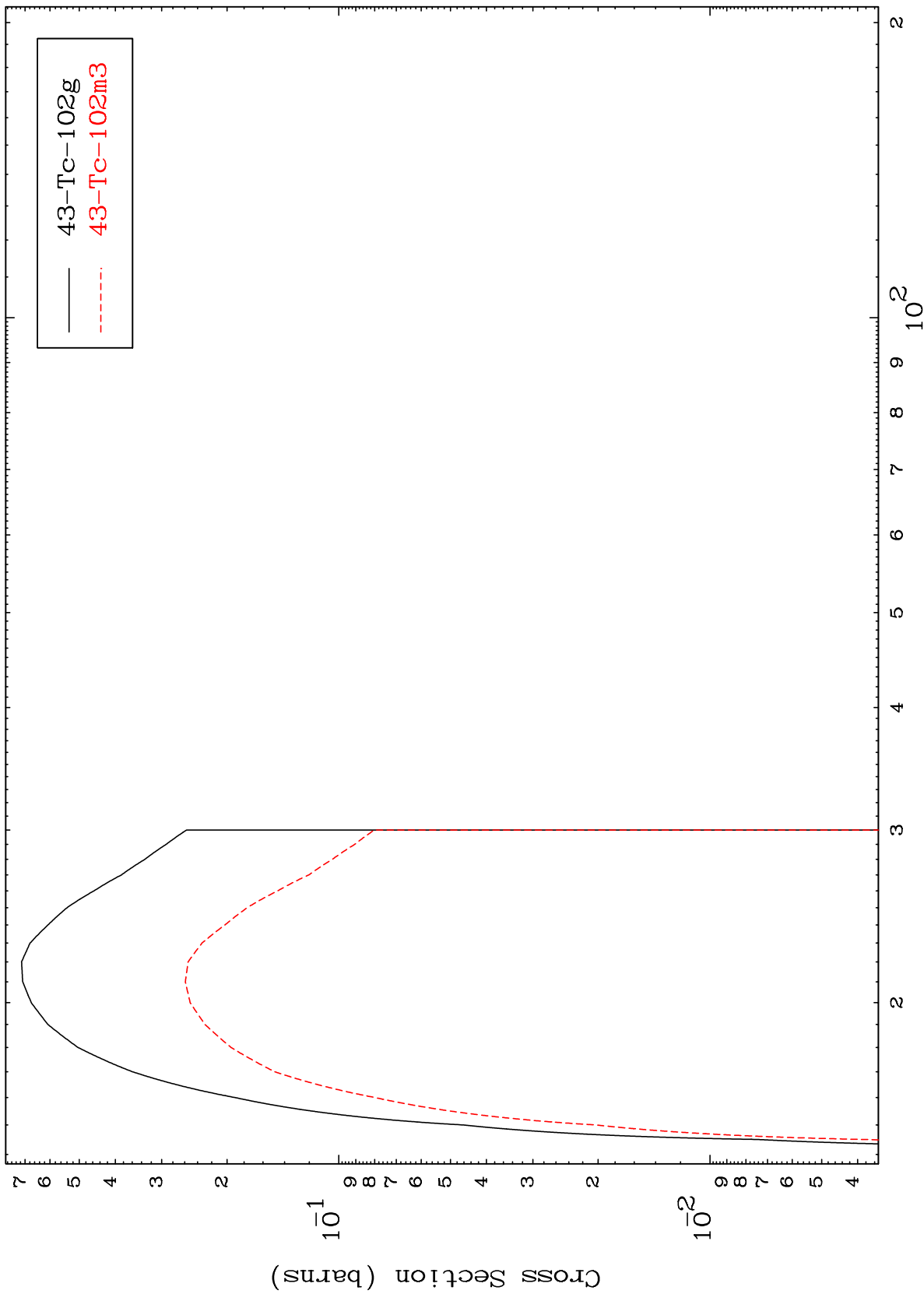




MAT 4340

43-Tc-104

(n,3n)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

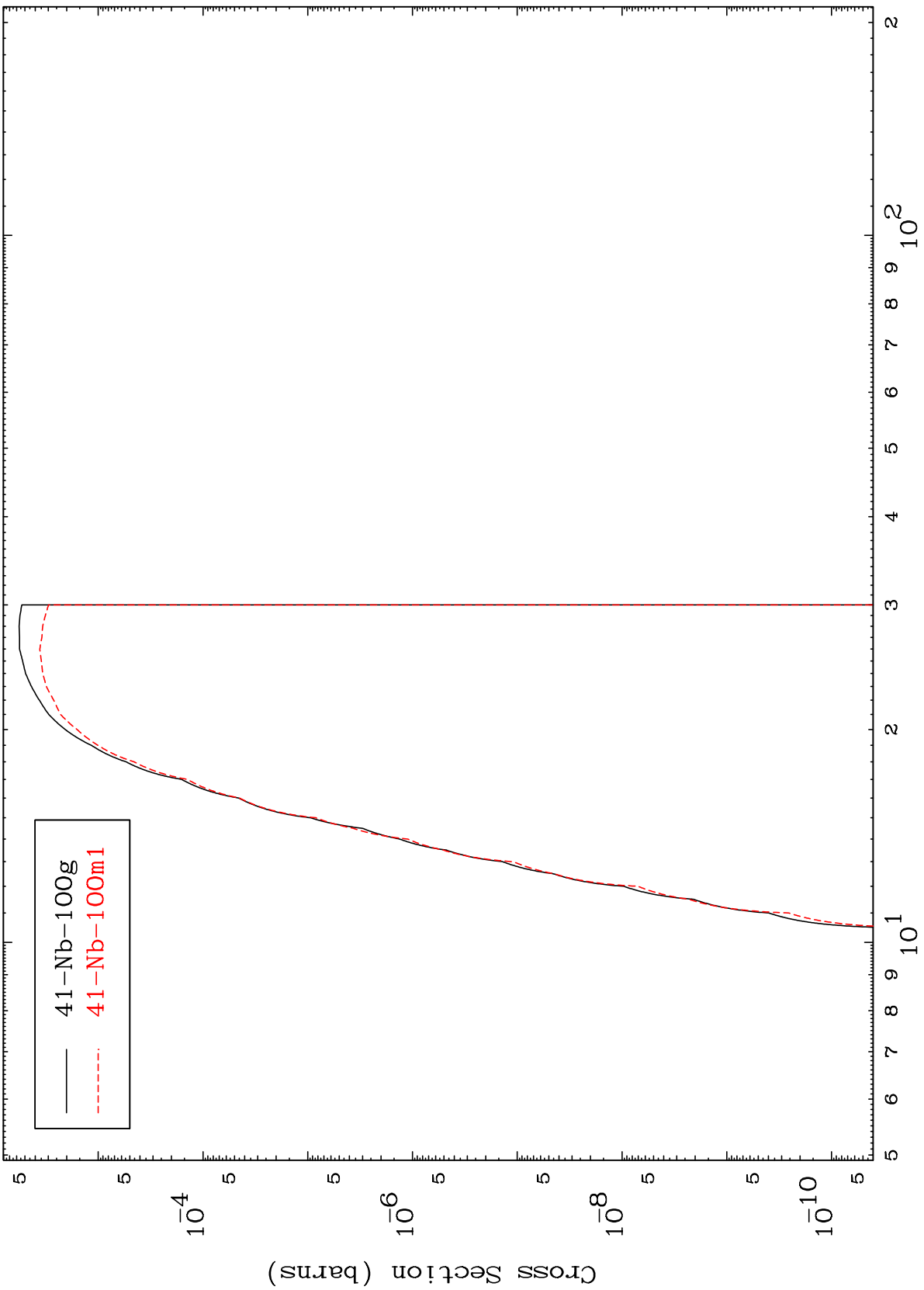
43-Tc-104

MAT 4340

43-Tc-104

(n,n') α

Radionuclide Production Cross Section



116

Incident Energy (MeV)

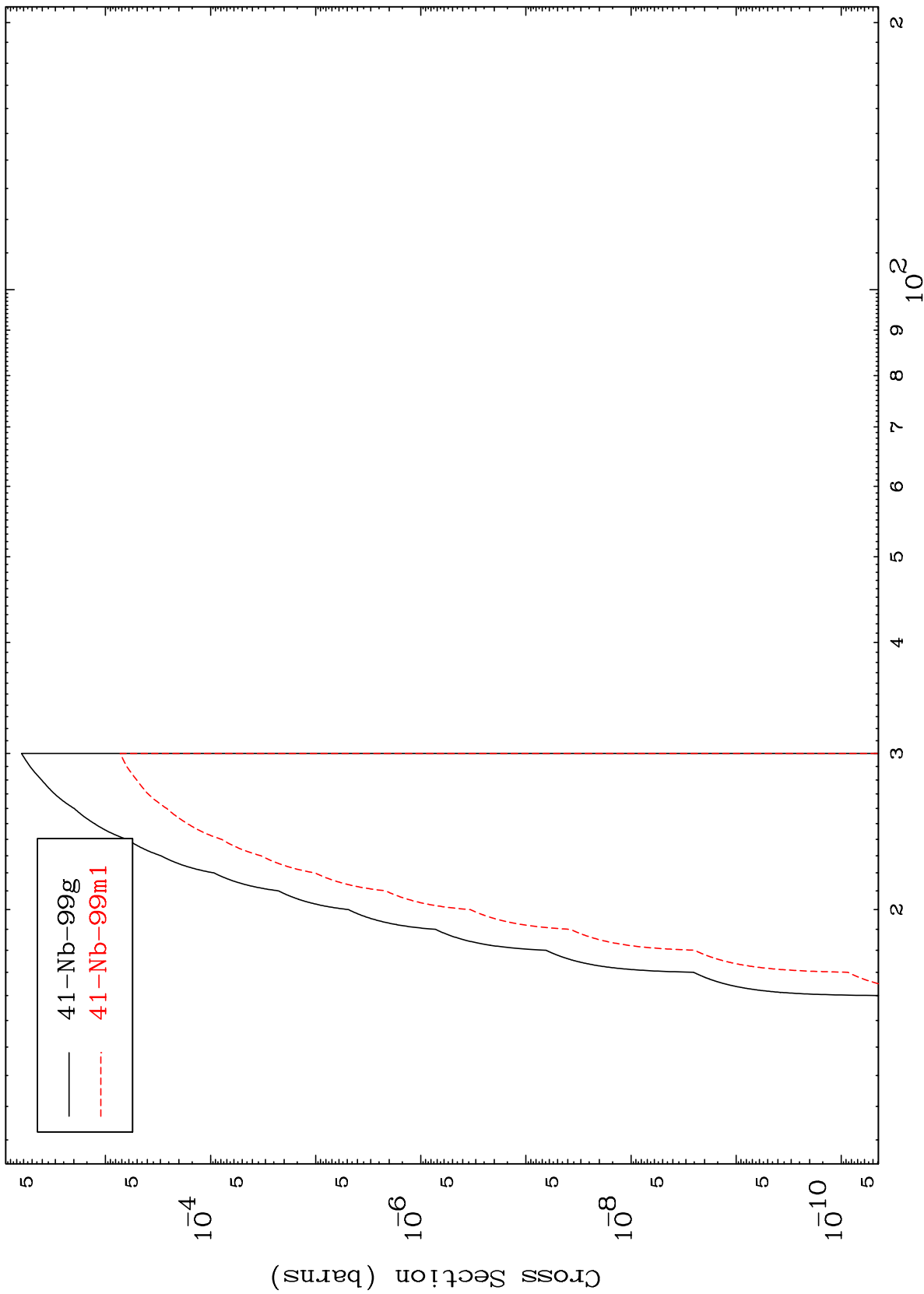
43-Tc-104

MAT 4340

(n,2n) α

43-Tc-104

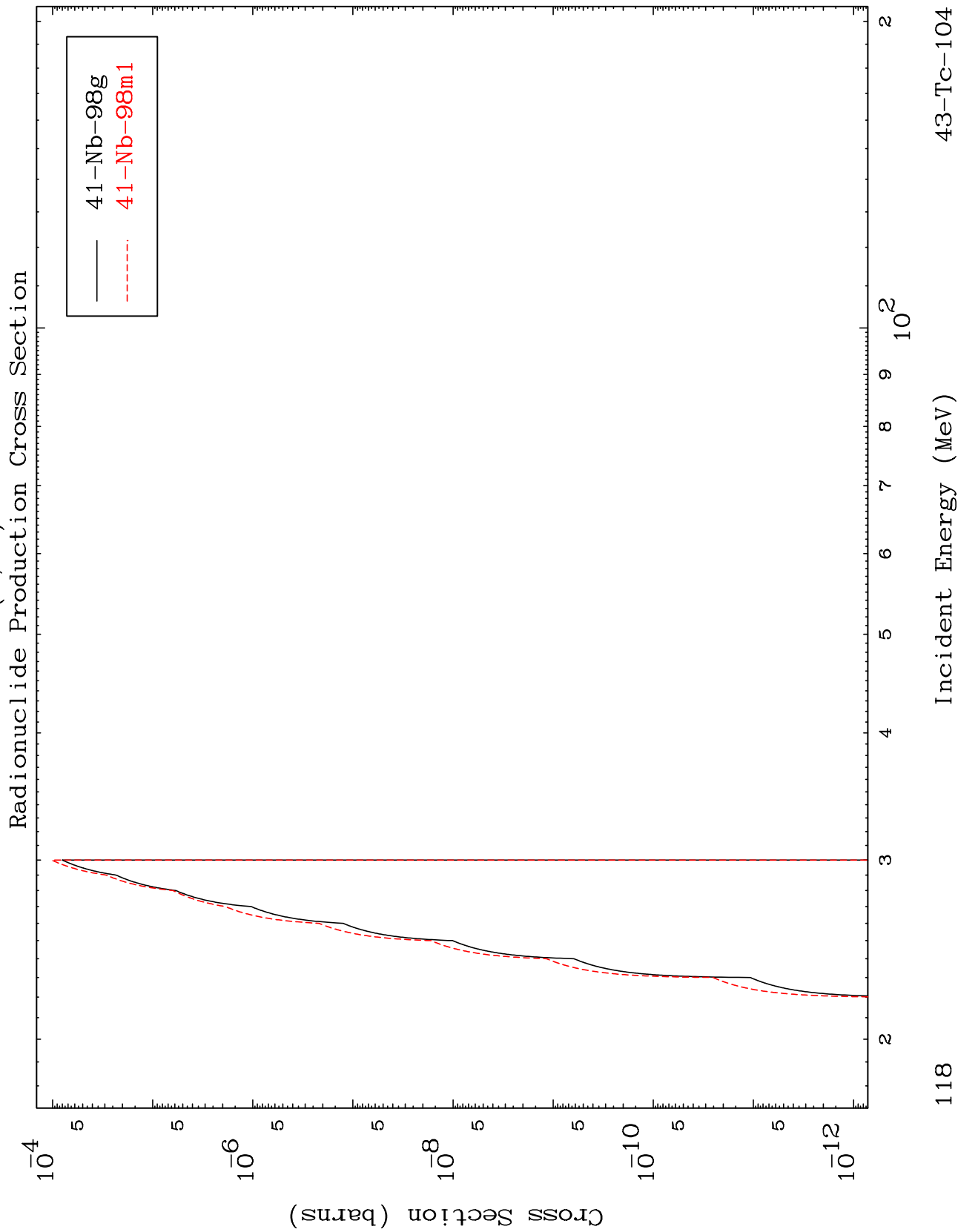
Radionuclide Production Cross Section

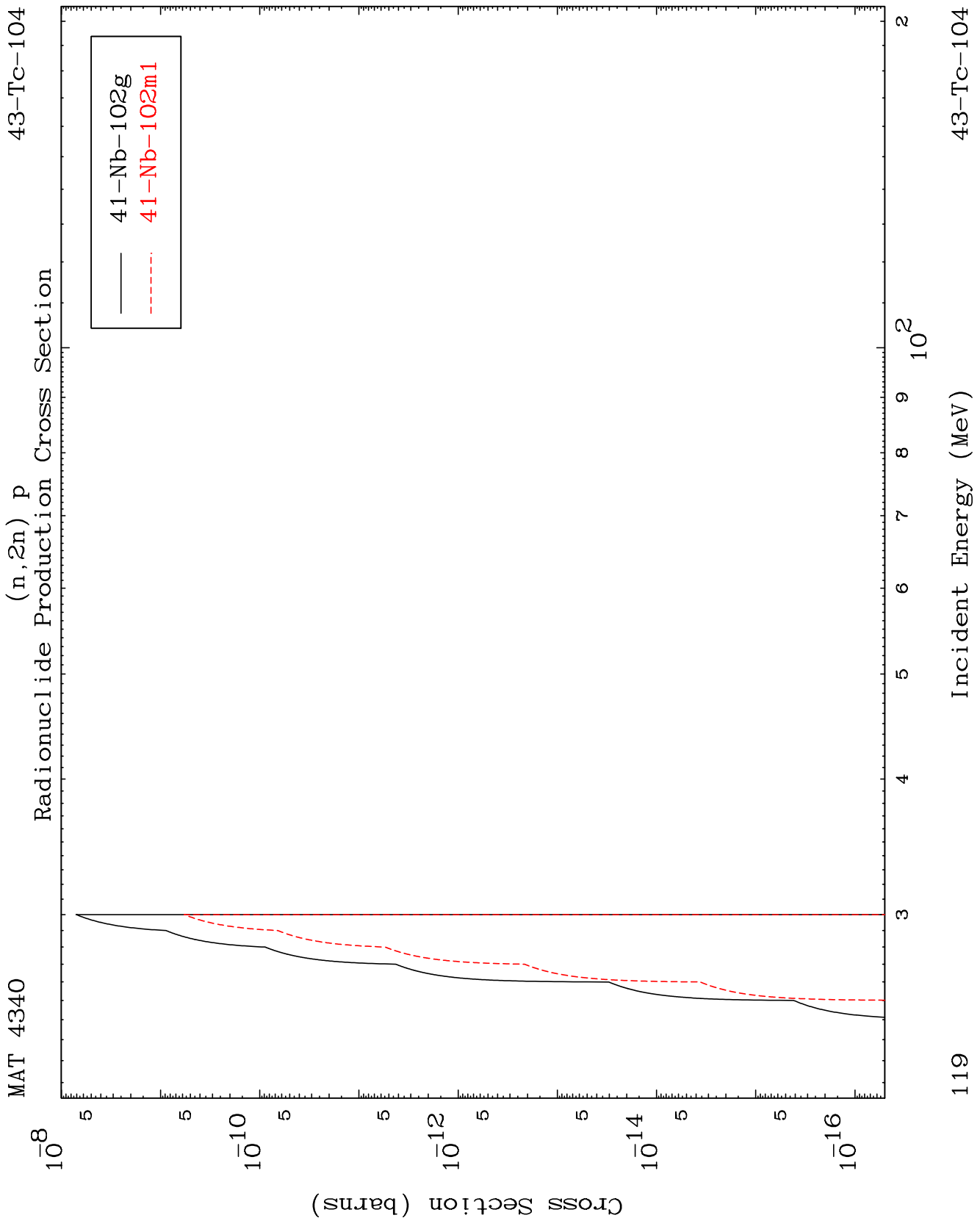


117

Incident Energy (MeV)

43-Tc-104



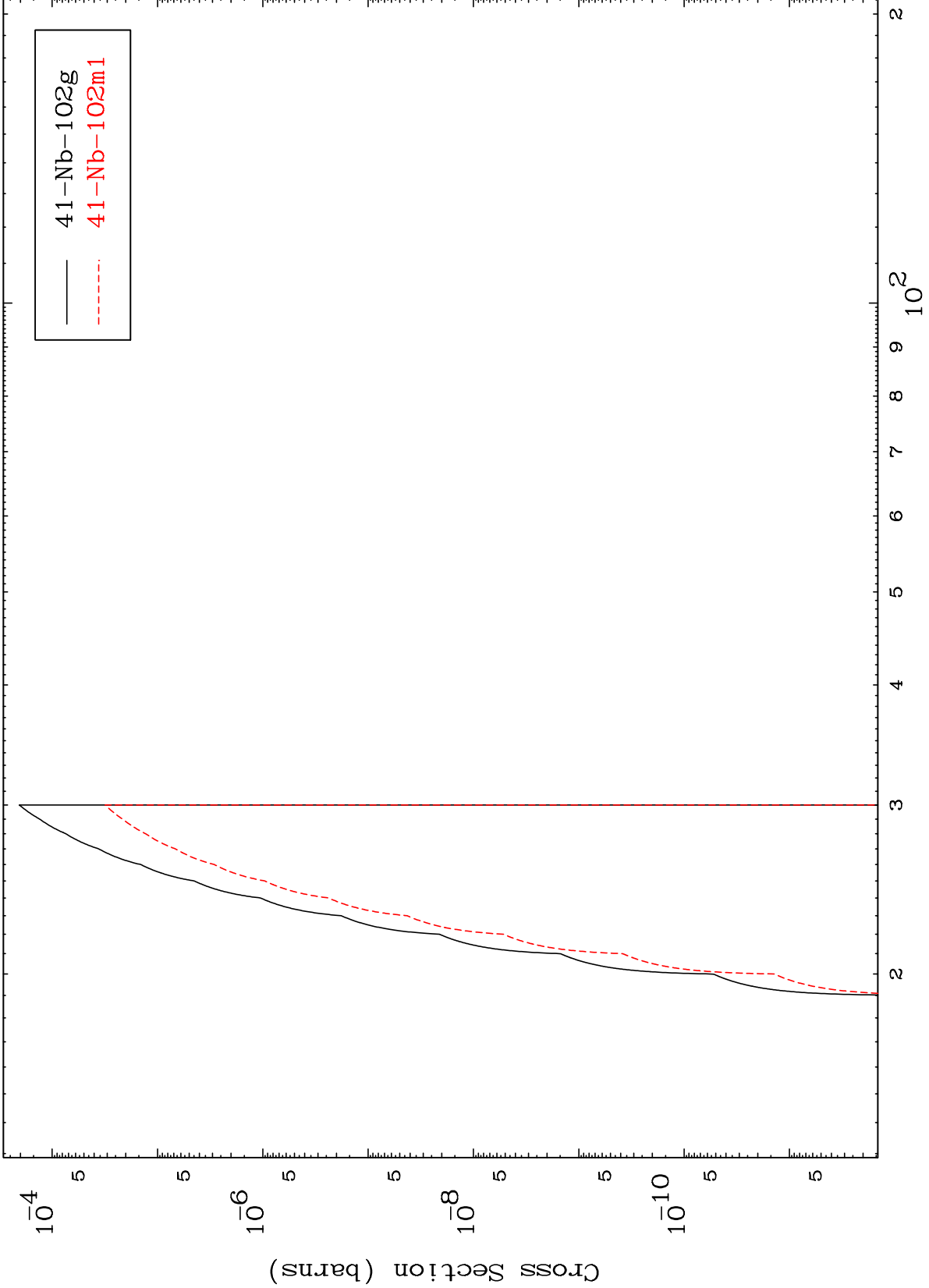


MAT 4340

(n,He-3)

43-Tc-104

Radionuclide Production Cross Section



120

Incident Energy (MeV)

43-Tc-104

MAT 4340

(n,2α)

43-Tc-104

Radionuclide Production Cross Section

